



**Dear friends and colleagues,
dear delegates,**

welcome to the **9th International Conference on Cochlear Implants and Related Sciences**. It is an honour to host this meeting in Vienna, where cochlear implantation has a long tradition since 1977.

The conference venue located in the unique Hofburg emperor palace, in the historic heart of imperial Vienna, gives us the right forum for more than 1000 participants.

Thanks to your contributions of more than 600 lectures, from all over the globe, in the main program, more than additional 100 company presentations and a lot of round tables and special sessions, making this meeting to the biggest scientific event in the field of otologic implants and related sciences, ever.

More than 1000 participants from over 80 countries can select from a wide range of experience in all aspects of present technology and future research activities.

Your presence will make a successful and prosperous conference. Pulsating and vibrating discussions will lead us to the next steps of scientific evolution in favour of helping hearing impaired people. Enjoy the meeting and have a very nice time in Vienna.

Sincerely Yours

Prof. Wolf-Dieter Baumgartner
Conference President



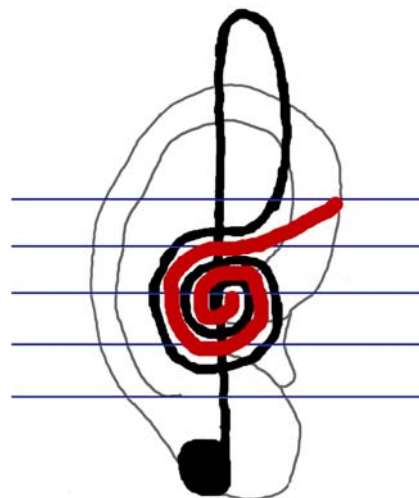


Conference President:

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wolf-dieter.baumgartner@meduniwien.ac.at

Conference Organisation/Secretary:

Alexandra Jappel
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Registration / Hotel / Travel:



MONDIAL CONGRESS

Operngasse 20b

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Exhibition:



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International Faculty

Argentina	Aronson Leonor Ruiz Hector
Armenia	Shukuryan Arthur
Australia	Briggs Robert Clark Graeme Cowan Robert Gibson William Mc Dermott Hugh Patrick Jim Pymann Bryan Van Hoesel Richard
Austria	Albegger Klaus Ball Geoffrey Baumgartner Wolf-Dieter Böheim Klaus Czerny Christian Ehrenberger Klaus Elsässer Wolfgang Franz Peter Frei Klemens Hamzavi Jafar Sasan Hochmair Erwin Hochmair Ingeborg Laback Bernhard Nahler Alexander Pavelka Robert Reisser Christoph Richter Ernst Stephan Kurt Strohmayr Katharina Thumfart Walter Wieser Stefan Zierhofer Clemens
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Belgium	Casselmann Jan Lefebvre Philippe Offeciers Erwin Somers Thomas Van de Heyning Paul
Bosnia& Herzegovina	Brkic Fuad

Brazil	Casthilo Arthur Costa Orozimbo
Bulgaria	Zenev Ivan
Canada	Bance Manohar Bergeron Francois Nedzelski Julian Schramm David
China	Cao Keli Wu Hao
Columbia	Gomez Juan Manuel Garcia
Croatia	Branica Srecko Pegan Boris Trotic Robert
Cuba	Rodriguez Ulises
Czech Republic	Nemecek Dusan Skrivan Jiri
Denmark	Thomsen Jens
Egypt	El Disouky Mohamed
Finland	Löpönnen Ari
France	Bebear Jean Pierre Bordure Philippe Chouard Claude Henri Dauman Rene Deguine Oliver Dumon Thibaud Frachet Bruno Frayse Bernard Lavieille Jean Pierre Magnan Jacques Mayer Bernard Meller Renaud Pujol Remy Radafy Emilien Sterkers Olivier Truy Eric Uziel Alain Vaneecloo Francois Vincent Christophe
Germany	Arnold Wolfgang





**9th INTERNATIONAL CONFERENCE ON COCHLEAR IMPLANTS
AND RELATED SCIENCES**

14.06 - 17.06.2006

**Hofburg Congress Center
Vienna, Austria**

	Aschendorff Antje Battmer Rolf-Dieter Behr Robert Bertram Bodo Brill Stefan Brockmeier Stefanie Büchner Andreas Diller Gottfried Döring Wolfgang Gstöttner Wolfgang Helms Jan Hüttenbrink Karl Bernd Kiefer Jan Laszig Roland Lenarz Thomas Lenhardt Ernst Lesinski Anke Löwenheim Hubert Maurer Jan Müller Joachim Müller-Deile Joachim Strutz Jürgen Von Ilberg Christoph Weber Benno Wesendahl Thomas Winter Mark Zenner Hans Peter
Great Britain	Archbold Sue Graham John Long Christopher O'Connor Fitzgerald O'Donoghue Gerald Proops David Raine Chris Ramsden Richard Summerfield Quentin
Greece	Anagnostou M Ferekidis Elefterios Kiratzidis Trifon Marangoudakis Pavlos Nikolopoulos Thomas Xenellis John
Hungary	Czigner Jozef Farkas Zsolt Repassy Gabor Sziklai Istvan

Hong Kong	Tong Michael Van Hasselt Andrew
India	D'Souza Dillon Hans Jitendra Kameswaran Mohan
Iran	Abdi Susan Daneshi Ahmed Farhadi Mohammad
Ireland	Kerr Allan
Israel	Avraham Karen Hildesheimer Minka Kishon-Rabin Liat Kronenberg Jona Luntz Michal Migirov Lela Raveh Eliah
Italy	Beltrame Millo A. Burdo Sandro Colletti Vittorio Filippo Roberto Frau Giuseppe Martini Alessandro Streitberger Christian Trabalzini Franco
Japan	Honjo Iwao Iwaki Takako Kaga Kimitaka Kubo Takeshi Takahashi Haruo Takeda Hidehiko Yanagihara Naoaki
Jordan	Al Masri Mohammad
Korea	Kim Chong Sun Kim Hee Nam Kim Lee Suk Lee Seoung Hwan Oh Seung Ha
Kuwait	Alhaj Ali Taghrid
Latvia	Kise Ligija
Lebanon	Zaytoun George
Lithuania	Gradauskiene Egle
Lybia	Esriti Anwar





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Malaysia	Seh Guan Lim Singh Kuljit
Mexico	Santos Felicitos
Netherlands	Cremers Cor Frijns Johan Mylanus Emanuel Smootenburg Guido Snik Ad Tange Rinse Van de Broek Paul Van Olphen Adrian
New Zealand	Neil Heslop
Nigeria	Anthis Joel
Norway	Harris Sten Teig Erik
Philippines	Chiong Charlotte Ramos Hubert
Pakistan	Mukhtar Nadeem
Poland	Lorens Arthur Piotrowska Anna Skarzynski Henrik
Qatar	Handoussa Ahmed
Romania	Cosgarea Marcel Cotulbea Stan Georgescu Madalena Martu Dan
Russia	Tavartkilazde George
Saudi Arabia	Taibah Khalid
Serbia	Arsovic Nenad Rancic Dejan
Singapore	Lim Hsueh Yee Lynne
Slovakia	Kabatova Zuzana Profant Milan
Slovenia	Battelino Saba Zupancic Janez
South Africa	Wagenfeld Derek
Spain	Alvarez de Cozar Felipe Candela Antoli Del Castillo Ignazio Gavilan Javier

	Manrique Manuel Morera Constantino Ramos Angel
Sweden	Bredberg Göran Holgers Kajsa-Mia Karlton Eva Rask Andersen Helge Tjellström Anders
Switzerland	à Wengen Daniel F Dillier Norbert Häusler Rudolf Kompis Martin Kos Izabel Linder Thomas Montandon Pierre Pelizzzone Marco Vischer Mattheus
Syria	Al-Halabi Asad Youness Ghassan
Taiwan	Hsu Chuan-Jen Lin Ryan Yung-Song Wu Chuan-Song
Thailand	Kanchanalarp Chanida Chongvisal Samut
Turkey	Batman Caglar Gültekin Gürol Olgun Levent Sennaroglu Levent
Ukraine	Moroz Boris
USA	Abbas Paul Adunka Oliver Backous Douglas Balkany Thomas Beatty Charles Boothroyd Arthur Buchman Craig Chute Pat Cohen Noel Dorman Michael Driscoll Colin Eddington Don Firszt Jill Gantz Bruce Haynes David Jenkins Herman





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Kileny Paul
Kirk Karen
Lalwani Anil
Leake Patricia
Litovsky Ruth
Luxford William
McElveen John
Miller Josef
Miyamoto Richard
Niparko John
Oller Kimbrough
Pillsbury Harold
Roland Peter
Roland Thomas
Ruben RJ
Rubinstein Jay
Shallop Jon
Shannon Robert
Soli Sigfried
Svirsky Mario
Tobey Emily
Tonini Ross
Tyler Richard
Van de Water Thomas
Wackym Phillip
Waltzman Sue
Wilson Blake





Locations and Presidents 1987 - 2010

1 st	1987	Düren	Germany	Paul Banfai
2 nd	1990	Iowa City	USA	Bruce Gantz
3 rd	1993	Innsbruck	Austria	Erwin Hochmair
4 th	1995	Paris	France	Henry Chouard
5 th	1997	New York	USA	Noel Cohen
6 th	2000	Miami	USA	Thomas Balkany
7 th	2002	Manchester	Great Britain	Richard Ramsden
8 th	2004	Indianapolis	USA	Richard Miyamoto
9th	2006	Vienna	Austria	Wolf-Dieter Baumgartner
10 th	2008	San Diego	USA	William Luxford
11 th	2010	will be selected on 16.06.2006 in Vienna		





Wednesday, 14.06.2006

Schatzkammersaal



Lunch will be available as of 12:00

Advanced Bionics Symposium

12:15 – 18:00

Moderation: Patrick Boyle, Jim Miller

ABC – S1	5 min	Welcome and Introduction Mike Sundler (Rixheim – France)
ABC – S2	10 min	The development vision: spectral and temporal processing Mike Faltys (Sylmar– USA)
ABC – S3	10 min	HiRes 120 US study results Mary Joe Osberger (Sylmar– USA)
ABC – S4	10 min	SmartNRI: a truly objective approach Leo Litvak (Sylmar – USA)
ABC – S5	10 min	Current steering science: psychophysics and modeling Johan HM Frijns (Leiden – Netherlands)
ABC – S6	10 min	Microphone location: importance in bilateral localization Thomas Lenarz (Hanover – Germany)
ABC – S7	10 min	The new Auria+ sound processor: clinical evaluation Christiane Seguin (Ottawa – Canada)
ABC – S8	10 min	Current Steering and novel speech coding strategies Andreas Büchner (Hanover – Germany)





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- | | | |
|------------------|--------|---|
| ABC – S9 | 10 min | Implications of Music with Cochlear Implants
Robert V Shannon (Los Angeles – USA) |
| ABC – S10 | 10 min | Low trauma electrode arrays for hearing preservation
Antje Aschendorff (Freiburg – Germany) |
| ABC – S11 | 10 min | Hearing preservation: the pharmacological approach
Edward Overstreet (Sylmar – USA) |
| ABC – S12 | 5 min | Summary
Patrick Boyle (London – UK) |
| ABC – S13 | 30 min | Music Time Workshop: A music resource for teachers of the deaf and those working with young children
Chris Rocca (Mary Hare – UK) |
| ABC – S14 | 30 min | STEPS Workshop: A practical set of guidelines for from hearing to uttering their first word
Sue Archbold (Nottingham – UK) |
| ABC – S15 | 10 min | Close
Jim Miller (Sylmar – USA) |





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Hofburg Congress Center
Vienna, Austria

Wednesday, 14.06.2006

Zeremoniensaal



VIBRANT
MED-EL



VIBRANT
MED-EL



hear **LIFE**
MED-EL Symposium

hear **LIFE**
13:00 - 18:00

MED-EL – S1 30 min

Opening

MED-EL – S2 10 min

MED-EL: The Hearing Implant Company
Ingeborg Hochmair (Innsbruck – Austria)

MED-EL – S3 10 min

Outcomes with the MED-EL DUET speech processor
Artur Lorens (Warsaw – Poland)

MED-EL – S4 10 min

First results using the FLEX^{eas} electrode
Jan Kiefer (Munich – Germany)

MED-EL – S5 10 min

MED-EL Rehabilitation tools: supporting your users
Geoff Plant (Arlington – USA)

MED-EL – S6 10 min

VIBRANT Soundbridge – Vibroplasty techniques in mixed hearing losses
Bruno Frachet (Bobigny – France)

MED-EL – S7 10 min

The MED-EL VSB on the round window for difficult-to-treat middle ear problems
Vittorio Colletti (Verona – Italy)

MED-EL – S8 40 min

VIBRANT Round table
Millo Beltrame (Rovereto – Italy)
Christian Streitberger (Meran – Italy)
Vittorio Colletti (Verona – Italy)
Thomas Lenarz (Hannover – Germany)
Olivier Sterkers (Clichy – France)
Bruno Frachet (Bobigny – France)

MED-EL – S9 40 min

Coffee

MED-EL – S10 60 min

MED-EL Cochlear Implant Systems: Latest Developments and Innovations

MED-EL – S11 70 min

Champagne Reception



VIBRANT
MED-EL



VIBRANT
MED-EL





Wednesday, 14.06.2006

Gartensaal
12:30 - 13:30



Hear now. And always Cochlear™ Hear now. And always Cochlear™ Hear now. And always Cochlear™



Applying LEAN Methodology for Improved CI Patient Access, Safety, and Program Viability

Presenter: Douglas Backous

Seminar synopsis:

This seminar will outline efforts to address two issues related to patient access: regular programming visits for our center's implanted base and efficient flow for new CI candidates. Standard work will be presented to foster accurate device delivery to the operating theater and to minimize patient risk in surgery. Finally alignment with patient visits and reimbursement is addressed to foster program viability.



Hear now. And always Cochlear™ Hear now. And always Cochlear™ Hear now. And always Cochlear™






Wednesday, 14.06.2006

Gartensaal

UniversitätsSpital
Zürich



Klinik für Ohren-, Nasen
Hals- und Gesichtschirurgie

Hear now. And always  Cochlear™

13th Neural Response Telemetry Workshop 14:00 - 18:00

Chair: Wolf-Dieter Baumgartner, Norbert Dillier

Session I (Models of ECAPs)

Moderator: Andy Beynon (Nijmegen, Netherlands)

NRT – S1	14:00	Welcome Wolf-Dieter Baumgartner (Vienna, Austria)
NRT – S2	14:10	Introduction Norbert Dillier (Zurich, Switzerland)
NRT – S3	14:15	Variability of Single Fibre Action Potentials & ECAPs in the Electrically Stimulated Cochlea Johan Frijns (Leiden, Netherlands)
NRT – S4	14:35	ECAPs in Relation to Later Evoked Potentials Paul Kileny (Ann Arbor, Michigan, USA)
NRT – S5	14:55	ECAP & Loudness Growth Model Colette McKay (Birmingham, UK)
NRT – S6	15:15	In Search of Temporal Summation WaiKong Lai (Zurich, Switzerland)
NRT – S7	15:30	Review & Discussion
NRT – S8	15:45	Poster Session Introduction Moderator: Norbert Dillier (Zurich, Switzerland)
NRT – S9	16:00	Coffee/Tea Break & Poster Viewing





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Poster Session:

NRT – S10

**Spatial spread of excitation in patients with
osteogenesis imperfecta**

A. Beynon (Nijmegen, Netherlands)

NRT – S11

**Outcomes of the NRT in relation with the aetiology
of deafness in children with a cochlear implant**

MC. De Lavernhe-Lemaire, A. Robier, E. Lescanne (Tours, France)

NRT – S12

Excitation spread widening with increase of stimulation level

G. Tavarakiladze (Moscow, Russia)

NRT – S13

**The relationship between psychophysical thresholds & ECAPs in
pediatric cochlear implant recipients**

F. Toth (Szeged, Hungary)

Session 2 (Applications and Clinical Studies)

Moderator: Joachim Müller-Deile (Kiel, Germany)

NRT – S14 16:20

NRT & Electrode Impedance

Bas van Dijk (Mechelen, Belgium)

NRT – S15 16:35

Spread of Excitation & Psychophysics

Louise Craddock (Birmingham, UK)

NRT – S16 16:50

NRT using Double Electrode Configuration

Rolf-Dieter Battmer (Hannover, Germany)

NRT – S17 17:05

High Rate Adaptation

Alicia Huarte (Pamplona, Spain)

NRT – S18 17:20

NRT Recovery Function & Rate Preference

Ricky Kaplan-Newman (Tel Hashomer, Israel)

NRT – S19 17:35

NRT: Long array vs. Hybrid array

Jon Shallop (Rochester, Minnesota, USA)

NRT – S20 17:50

Workshop Summary

Norbert Dillier (Zurich, Switzerland)

18:00

Close



Hear now. And always Cochlear™ Hear now. And always Cochlear™





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Vienna, Austria

Wednesday, 14.06.2006

18:30



Advanced Bionics

and

the Organising Committee of the 9th International
Conference on Cochlear Implants and Related Sciences

kindly invites you to the

*Opening Ceremony and Welcome Reception
at the
Castle Belvedere*

Buffet

Classical music

Music show

Free access to the famous paintings of Klimt, Schiele, Kokoschka, ..



End

23:45





Thursday, 15.06.2006

Festsaal

Opening Ceremony

07:45 - 08:15

**Welcome by the President of the 9th International Conference on
Cochlear Implants and Related Sciences**

Wolf-Dieter Baumgartner

Cochlear Implants: A remarkable past and a brilliant future

Blake Wilson (RTI and Duke University Medical Center – USA)

Basic Research (F1)

08:15 - 10:00

Chair: Helge Rask-Andersen, Hinrich Staecker

F1 – 01	8 min	Auditory nerve electrode with acoustic and electric stimulation and recording of nerve and evoked brain potentials in cats Walter F Thumfart, Peter Finkenzeller (Innsbruck – Austria; Erlangen – Germany)
F1 – 02	10 min	Insights on auditory prosthesis design from animal models Patricia A Leake (San Francisco – USA)
F1 – 03	10 min	Estimating frequencies for cochlear implant electrodes Patricia A Leake, Olga Stakhovskaya (San Francisco – USA)
F1 – 04	8 min	Innervation of the apical turn of the human cochlea – Implication for cochlear implantation Malin Anderson, Lucia Pamulova, Helge Rask-Andersen (Uppsala – Sweden)
F1 – 05	8 min	Ultrastructure, innervation and organisation of the human cochlea Rudolf Glueckert, Helge Rask-Andersen, Kristian Pfaller, Anneliese Schrott-Fischer (Innsbruck – Austria; Uppsala – Sweden)
F1 – 06	8 min	Representation of acoustic signals in the human cochlea in presence of a cochlear implant electrode Jan Kiefer, Frank Böhnke, Oliver Adunka, Wolfgang Arnold (Munich – Germany)





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F1 – O7	8 min	Electrical frequency-place map in subjects with no or minor hearing loss Katrien Vermeire, Andrea Nobbe, Peter Schleich, Paul Van de Heyning (Antwerp – Belgium; Innsbruck – Austria)
F1 – O8	8 min	Cortical tonotopic reorganization over time Jeanne Guiraud, Julien Besle, Laure Arnold, Patrick Boyle, Eric Truy, Lionel Collet (Lyon – France)
F1 – O9	8 min	Preservation of hearing following long-term cochlear implantation Robert Shepherd, Anne Coco, Stephanie Epp, James Fallon, Jin Xu, Rodney Millard (Melbourne – Australia)
F1 – O10	8 min	Voxel based statistical analysis method for animal PET studies to assess the cerebral glucose metabolism in cat deafness model Seung Ha Oh, Jin Su Kim, Jae Sung Lee, Min-Hyun Park, Hyejin Kang, Sang-Moo Lim, June-Key Jung, Myung Chul Lee, et al. (Seoul – Korea)
F1 – O11	8 min	Developmental myelination of central auditory pathway in congenital profound sensorineural hearing loss revealed by MRI Masaki Sano, Kimitaka Kaga, Kazuo Mima (Tokyo – Japan)



Vibrant MED-EL Coffee Break hear**LIFE**





Thursday, 15.06.2006

Festsaal

Rehabilitation (F2)

10:30 – 12:30

Chair: Sue Archbold, Bodo Bertram

F2 – O1	8 min	Monitoring early vocal development in infants and young children D Kimbrough Oller (Memphis – USA)
F2 – O2	8 min	Language development with a cochlear implant for meningitic deafness Mattheus Vischer, Christoph Schmid, Luzia Blaser, Martin Kompis, Eberhard Seifert, Rudolf Häusler (Berne – Switzerland)
F2 – O3	8 min	Language development at one year post-implantation in young children Emily A Tobey, Laurie S Eisenberg, Alexandra L Quittner, Nancy E Fink, Nae-Yu Wang, John K Niparko, And the CDaCI Investigative Team (Multicenter – USA)
F2 – O4	8 min	Assessment and rehabilitation of children with auditory neuropathy Carlton Zdanski, Holly Teagle, Patricia Roush, Allison Cleland, Craig Buchman, Carolyn Brown (Chapel Hill – USA)
F2 – P5	3 min	Formulation of language structures of filipino cochlear implanted children in a bilingual setting Leah M Labrador, Georgina D Mojica (Manila – Philippines)
F2 – O6	8 min	The effects of implantation age on theory of mind of cochlear implanted pre-lingually deaf children Hassanzadeh Saeid, Farhadi Mohammad, Emamdjomeh Hessam, Daneshi Ahmad (Teheran – Iran)
F2 – P7	3 min	Learning speech with shifted frequency-to-place maps Andrew Faulkner, Stuart Rosen, Matthew Smith, Catherine Siciliano (UK)
F2 – P8	3 min	Becoming bilingual: English and Spanish speech and language development following cochlear implantation Jan A Moore, Scott Prath, Adrienne Arrieta, Emily Lauher (Austin – USA)
F2 – O9	8 min	The rate of development of phoneme accuracy in children following cochlear implantation as a function of age of implant Jan A Moore (Austin – USA)
F2 – O10	8 min	The development of consonant-vowel syllables in children following cochlear implantation Jan A Moore (Austin – USA)
F2 – O11	8 min	Phonological distance measures for cochlear implant users Nathan Sanders, Steven Chin (Indianapolis – USA)





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F2 – P12	3 min	Cochlear implantation improves developmental rate in children with global delay John S Oghalai, Lawrence M Simon, Jody Haymond, Ross Tonini, Susan E Caudle, Dian Baker (Houston – USA)
F2 – P13	3 min	Stability of vowel space and vowel placement Ross Tonini, Jamie Rasmus (Houston – USA)
F2 – P14	3 min	Benefit of language software for prelingual teen / adult CI users Ellen S Thomas, Terry Zwolan (Ann Arbor – USA)
F2 – P15	3 min	Custom made computer program for hearing training of CI patients Jozsef Pytel, Adrien Nemeth, Tamas Jarai, György Kellenyi (Pecs – Hungary)
F2 – P16	3 min	Discrimination of spectrally rippled noise and speech understanding Annelies Vermeiren, Filiep Vanpoucke, Andrzej Zarowski, Erwin Offeciers, Stefaan Peeters (Antwerp – Belgium)
F2 – O17	8 min	Perception of emotion by cochlear implant users Julie Brinton, Jenny Loo, Sarah Isherwood (Southampton - UK)
F2 – O18	8 min	The effects of training on timbre recognition Virginia Driscoll, Arik Wald, Jacob Oleson, Jay Rubinstein, Kate Gfeller (Iowa City – USA)
F2 – P19	3 min	Speech perception in noise in CI systems with different microphones Juliane Wechtenbruch, John Martin Hempel, Tobias Rader, Uwe Baumann (Munich – Germany)
F2 – P20	3 min	Fitting children with implants with personal FM systems Lynne Brewster, Joy Gauvreau (Saskatoon - Canada)



Lunch Buffet





Thursday, 15.06.2006

Festsaal



ABC Lunch Symposium 12:55 - 13:55

Chair: Patrick Boyle

ABC – L1	4 min	Welcome and Corporate Introduction Mike Sundler (Rixheim – France)
ABC – L2	6 min	Review Advanced Bionics' new product launch Tony Arnold (Los Angeles – USA)
ABC – L3	8 min	Psychophysics and modeling underlying current steering Johan HM Frijns (Leiden – Netherlands)
ABC – L4	8 min	Current steering and the Auria+ processor Andreas Büchner (Hanover – Germany)
ABC – L5	8 min	Initial findings with HiRes 120 Laura Holden (St. Louis – USA)
ABC – L6	8 min	Implications of music with cochlear implants Robert V Shannon (Los Angeles – USA)
ABC – L7	8 min	Towards low trauma electrode arrays Antje Aschendorff (Freiburg – Germany)
ABC – L8	8 min	Implications of microphone location Sigfrid Soli (Los Angeles – USA)
ABC – L9	2 min	Close Patrick Boyle (Cambridge – UK)





Thursday, 15.06.2006

Festsaal

Surgery (F3)

14:00 – 16:00

Chair : Thomas Balkany, Jan Helms

F3 – 01	10 min	Protection against trauma induced hearing loss by mild hypothermia Thomas J Balkany, Lee P Smith, Adrien A Eshraghi, Thomas R Van De Water (Miami – USA)
F3 – 02	8 min	Surgical considerations in cochlear implant in children with normal and anomalous ears Keli Cao, Xiaowei Chen, Chaogang Wei, Xin Jin, Yi Wang, Hua Yang, Line Wang, Zhen Wang (Beijing – China)
F3 – 03	8 min	"Deep" insertion of the electrode up to the apex of the cochlea Jan Helms, Joachim Müller, Franz Schön (Würzburg – Germany)
F3 – 04	8 min	Effects of electrode placement and place of stimulation on speech perception with cochlear implants in adults and children Joachim Müller, Franz Schön, Stefan Brill, Alexander Möltner, Jan Helms, Rudolf Hagen (Würzburg – Germany)
F3 – 05	8 min	Cochlear implantation in chronic otitis media and subfacial route Gürol Gültekin, Levent Olgun, Gül Caner, Tuncay Kodap, Alper Sezaver (Izmir – Turkey)
F3 – 06	8 min	Management of chronic otitis and mastoiditis in children after cochlear implantation Joachim Müller, Gerald Baier, Christian Knaus, Jan Helms, Rudolf Hagen (Würzburg – Germany)
F3 – 07	8 min	Adjusting flap thickness over implant package Ahmed Handoussa (Doha - Qatar)
F3 – 08	8 min	Electrode lead fixation at posterior tympanotomy using sialastic wedge Ahmed Handoussa (Doha – Qatar)
F3 – 09	8 min	Surgical management to problems of cochlear implantation Chong-Sun Kim, Sun O Chang, Seung-Ha Oh, Min-Hyun Park, Jae-Jun Song, Dong-Gu Hur (Seoul – Korea)
F3 – 010	8 min	Revision cochlear implant surgery in children Robert Cullen, Jose Fayad, William Luxford, Laurie Eisenberg, Carolyn Brown, Holly Teagle, Harold Pillsbury, Craig Buchman (Los Angeles, Chapel Hill – USA)
F3 – 011	8 min	Cochlear Re-implant Orozimbo Alves Costa, Maria Cecília Bevilacqua, Kátia Freitas Alvarenga, Leandra Tabanez Nascimento, Rachel Stuchi (Sao Paulo – Brazil)





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F3 – O12	8 min	Contralateral reimplantation – is there a problem? Christopher Raine, David Strachan, Jane Martin, Catherine Totten, Lynne Jamieson, Maurice Hockman (Bradford – UK; Johannesburg – South Africa)
F3 – O13	8 min	Pediatric cochlear reimplantation Levent Olgun, Gürol Gültekin, Gül Caner, Alper Sezaver, Tapkyn Tokat (Izmir – Turkey)
F3 – O14	8 min	Surgical technique of the Digisonic SP Cochlear Implant Jean Pierre Bebear (Bordeaux – France)



Coffee Break

Thursday, 15.06.2006

Festsaal

Genetics (F4)

16:30 – 18:00

Chair: Karen Avraham, Klemens Frei

F4 – O1	10 min	How genetics can help cochlear implantation: the Otoferlin story Ignacio del Castillo (Madrid - Spain)
F4 – O2	10 min	Connexin deafness and speech perception outcome of cochlear implants Karen B Avraham, Zippora Brownstein, Riki Taitelbaum-Swead, Chawa Muchnik, Liat Kishon-Rabin, Jona Kronenberg, Lela Migirov, Minka Hildesheimer (Tel Aviv - Israel)
F4 – O3	8 min	Auditory neuropathy of genetic aetiology caused by OTOF Gene mutation Constantino Morera, Laura Cavallé, Diego Collado, Felipe Moreno (Valencia, Madrid – Spain)
F4 – O4	8 min	IL4R polymorphism is associated with sudden deafness in Koreans Sung-II Nam, Dong-Eun Kim, Youn- Ho Park, Sun-Ho Park (Daegu – Korea)
F4 – O5	8 min	Clinical spectrum of Cx26 caused hearing impairment in Austria Romana Volker, Reinhard Ramsebner, Trevor Lucas, Gertrude Hamader, Wolf-Dieter Baumgartner, Karin Kirschhofer, Klemens Frei (Vienna – Austria)





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F4 – O6	8 min	Pathological effects of Cx26 alterations Trevor Lucas, Romana Volker, Reinhard Ramsebner, Gertrude Hamader, Christian Schöfer, Wolf-Dieter Baumgartner, Franz J Wachtler, Karin Kirschhofer, Klemens Frei (Vienna – Austria)
F4 – O7	8 min	Connexin 26 caused hearing impaired patients - candidates for CI Klemens Frei, Trevor Lucas, Reinhard Ramsebner, Romana Volker, Gertrude Hamader, Christian Schöfer, Wolf-Dieter Baumgartner, Karin Kirschhofer (Vienna – Austria)
F4 – O8	8 min	Genetic testing within the Austrian newborn screening program for hearing impairment Reinhard Ramsebner, Trevor Lucas, Romana Volker, Gertrude Hamader, Klara Weipoltshammer, Wolf-Dieter Baumgartner, Franz J Wachtler, Karin Kirschhofer, Klemens Frei (Vienna – Austria)
F4 – O9	8 min	Good speech recognition and quality of life scores after CI in patients with DFNA9 Katrien Vermeire, Jan Brokx, Paul Van de Heyning (Antwerp, Maastricht – Belgium)
F4 – O10	8 min	Speech and language disorder in deaf children – is this part of the phenotype? Deidre Lucas, Julie Hare (London – UK)

Thursday, 15.06.2006

Zeremoniensaal

Results in Cochlear Implantation (Z1)

08:00 – 10:00

Chair: Liat Kishon-Rabin, Sigfrid Soli

Z1 – O1	8 min	Nucleus Freedom® North American clinical trial Thomas Balkany, Christine Menapace, Annette Hodges, Linda Hazzard, Fred Telischi (Miami – USA)
Z1 – O2	8 min	Comparison of performance between the Esprit 3G versus the Freedom speech processor Gunnar Eskilsson, Eva Agelfors, Eva Kindlundh, Marja Vainio, Martin Eklöf, Filip Asp, Eva Karltorp, Arne Rödvik, et al. (Huddinge – Sweden; Oslo – Norway)
Z1 – O3	8 min	Clinical validation of Nucleus® Freedom™ for N24 speech processor Agnes Allen, Paula Greenham, Yvonne James, Louise Craddock, Deborah Mawman, Cecilia McAnallen (Multicenter – UK)





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Z1 – 04	8 min	<p>Speech perception performance of double array Nucleus Multi-channel cochlear implant users with standard and duplicated maps in each of the arrays</p> <p>M Valeria Schmidt Goffi Gomez, Carolina Abdala F, Mariana Guedes, Cristina Ornelas, Sandra Giorgi, Rubens Brito Neto, Arthur Castilho, Ricardo Bento (Sao Paulo - Brazil)</p>
Z1 – 05	8 min	<p>Nucleus Freedom performance and preference for ACE and CIS strategies</p> <p>Erwin Offeciers, Andeji Zarowski, Roland Laszig, Thomas Wesarg, Joachim Müller-Deile, Andre Morsnowski, K Begall, M Hey (Multicenter – Belgium, Germany)</p>
Z1 – 06	8 min	<p>Frequency importance functions for adults with cochlear implants and normal hearing: effect of background noise</p> <p>Douglas Sladen, Todd Ricketts, Michael Dorman (Tempe, Nashville - USA)</p>
Z1 – 07	8 min	<p>Effect of cochlear implant microphone location on speech intelligibility</p> <p>Sigfrid Soli, Xin Xi, Fei Ji, Ai-Ting Chen, Meng-Di Hong, Dong-Yi Han, Jianing Wei (Los Angeles – USA; Beijing – China)</p>
Z1 – 08	8 min	<p>Field trial of Micro-link radio aids with adult cochlear implant users</p> <p>Sarah Flynn, Elizabeth Wood (Southampton – UK)</p>
Z1 – 09	8 min	<p>Real world benefits of FM systems for children with cochlear implants</p> <p>Mark C Flynn, Traci S Flynn, Melanie Gregory, Heine H Andersen (Eriksholm – Denmark)</p>
Z1 – 010	8 min	<p>Landline and mobile telephone performance in MED-EL TEMPO+ users</p> <p>M Suzanne Hasenstab (Virginia - USA)</p>
Z1 – 011	8 min	<p>Successful Telephone Use</p> <p>Lynne Tapper, Catherine Killan, Andrew Scally (Bradford – UK)</p>
Z1 – 012	8 min	<p>Assistive device and telephone use by adult CI users</p> <p>Amy Donaldson, Deborah Mawman, Karen Smith (Manchester – UK)</p>
Z1 – 013	8 min	<p>The use of line and mobile telephone following cochlear implantation</p> <p>Luis Lassaletta, Alejandro Castro, Marta Bastarrica, Rosa Pérez, Lorena Sanz, Belén Herrán, Maria Josefa Sarriá, Javier Gavilán (Madrid – Spain)</p>
Z1 – 014	8 min	<p>Comparing the acoustic-to-phonetic level of processing in postlingual deafened adults with cochlear implants to that of normal hearing in quiet and in noise</p> <p>Liat Kishon-Rabin, Daphne Recanati, Daphne Ari-Even Roth, Shira Rotshtein, Riki Taitelbaum – Swead, Minka Hildesheimer (Tel Aviv – Israel)</p>
Z1 – 015	8 min	<p>Results with the Med El Pulsar CI100 cochlear implant</p> <p>Alexandra Jappel, Wolf-Dieter Baumgartner, Sonja Hickmann, Isabella Ehrenreich, Sonja Reiß, Maria Lautischer, Reinhard Ramsebner, Ilona Anderson (Vienna – Austria)</p>





Vibrant MED-EL Coffee Break **hearLIFE**

Thursday, 15.06.2006

Zeremoniensaal

Alternative Surgical Approaches (Z2)

10:30 – 12:30

Chair: Jona Kronenberg, Alec Fitzgerald O'Connor

Z2 – 01	8 min	Why use alternative surgical techniques for CI? Jona Kronenberg, Lela Migirov, Riki Taitelbaum-Swead (Tel Aviv – Israel)
Z2 – 02	8 min	Six years Vienna experience with the suprameatal approach Wolf-Dieter Baumgartner, Alexandra Jappel, Klemens Frei, Reinhard Ramsebner, Christoph Arnoldner (Vienna – Austria)
Z2 – 03	8 min	Update on minimal invasive pericanal cochlear implantation without mastoidectomy Rudolf Häusler, Mattheus Vischer, Martin Kompis (Berne – Switzerland)
Z2 – 04	8 min	The advantages of the modified paracanal approach for electrode insertion during CI Ivan Tzenev, Kuncho Kunev (Sofia – Bulgaria)
Z2 – 05	8 min	Tympanic frame and attic protection in cochlear implants Hector Ruiz, Esteban Filas (Rosario - Argentina)
Z2 – 06	8 min	Med-El small incision cochlear implantation with device fixation Paul W Bauer (Dallas – USA)
Z2 – 07	8 min	Small incision surgery with Med-El cochlear implant: a clinical experience Domenico Cuda, Alessandra Murri (Piacenza – Italy)
Z2 – 08	8 min	Modified minimal incision for Med El Levent Sennaroglu, Sarp Sarac, Ergin Turan (Ankara – Turkey)
Z2 – 09	8 min	Round window insertion of Advanced Bionics HiFocus 1j electrode Alec Fitzgerald O'Connor, Terry Nunn, Sonelle McDonald, Sheena McLaren, Katherine Wilson (London – UK)





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Z2 – O10	8 min	Cochlear implantation under local anaesthesia Ahmed Hanoussa, Abdelnasser Oreibi (Doha – Qatar; Abudabi – United Arab Emirates)
Z2 – O11	8 min	Transcanal technique for cochlear implantation: the Indian scene JM Hans (New Delhi – India)
Z2 – O12	8 min	Computer modelling of landmarks for cochlear implantation Michael Teixido, Robert C O'Reilly, Michael T Gaslin, Patrick Collier (Wilmington – USA)
Z2 – O13	8 min	New strategies for high precision cochleostomy using a hexapod robot system Thomas Klenzner, Chiu Chun Ngan, Felix Knapp, Jan Kromeier, Klaus Körner, Antje Aschendorff, Jörg Raczkowski, Heinz Wörn, et al. (Multicenter – Germany)
Z2 – O14	8 min	Navigation surgery in cochlear implantation Gábor Répássy, Marianna Küstel, Károly Hrabák, Zoltán Fent, Ron von Jako (Budapest – Hungary)
Z2 – P15	3 min	Transmeatal approach: an alternative save approach for cochlear and middle ear implants Khalid Taibah (Riad - Saudi Arabia)



Lunch Buffet

**Guten Appetit
Bon Appétit**





Thursday, 15.06.2006

Zeremoniensaal



hear**LIFE** ***MED-EL Lunch Symposium***

12:55 - 13:55

MED-EL – L1 7 min

MED-EL: The Hearing Implant Company
Ingeborg Hochmair (Innsbruck – Austria)

MED-EL – L2 7 min

**MED-EL Cochlear Implant Systems:
Latest Developments and Innovations**
Hansjoerg Schoesser (Innsbruck – Austria)

MED-EL – L3 7 min

VIBRANT's Soundbridge System
Geoffrey Ball (Innsbruck – Austria)

MED-EL – L4 39 min

Treatment of deafness in the 3rd millennium
Moderator: Wolf-Dieter Baumgartner (Vienna – Austria)

Joachim Mueller (Wuerzburg – Germany)
Rick Pillsbury (Chapel Hill – USA)
Vittorio Colletti (Verona – Italy)
Paul van de Heyning (Antwerp – Belgium)
Philippe Lefèbvre (Liège – Belgium)
Bruno Frachet (Bobigny – France)



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Thursday, 15.06.2006

Zeremoniensaal

Testing (Z3)

14:00 – 16:00

Chair: Susan Waltzman, Takhesi Kubo

Z3 – O1	8 min	Fitting of very young children Heike Kühn-Inacker, R Mederake, Franz Schön, Jochim Müller, Jan Helms (Würzburg – Germany)
Z3 – O2	8 min	Test-retest reliability of three cochlear implant questionnaires Heather Maessen, Jillian Ryan, Manohar Bance (Halifax – Canada)
Z3 – O3	8 min	How do different cochlear implant questionnaires correlate with each other? Heather Maessen, Jillian Ryan, Manohar Bance (Halifax – Canada)
Z3 – P4	3 min	Development of a DVD version of the UCL CUNY sentence test Wanda Aleksy, Francesca Pinto, Pippa Wilson, Laure Arnold, Patrick Boyle (London – UK)
Z3 – P5	3 min	Speech tracking revisited Geoff Plant (Innsbruck – Austria)
Z3 – P6	3 min	Everday listening study: the evaluation of every day performance with the CII / HiRes 90K cochlear implant Yvonne James (Nottingham – UK)
Z3 – P7	3 min	LittEARS diary for parents and therapists – documentation method for early auditory and verbal development of infants Joanna Brachmaier, Heike Kühn-Inacker, Kim Veekmans (Innsbruck – Austria)
Z3 – P8	3 min	LittEARS auditory questionnaire – Evaluation results Joanna Brachmaier, Heike Kühn-Inacker, Sabine Strauß, Denise Shepherd (Innsbruck – Austria)
Z3 – P9	3 min	LittEARS auditory questionnaire – Validation study on normal hearing infants in Romania D Bacila, R Popescu, L Chereches, H Stefanescu, L Radulescu, Sebastian Cozma, Violetta Necula, M Georgescu (Multicenter – Romania)
Z3 – O10	8 min	The Teen-EARS Test Battery – A new tool for the assessment of auditory skills in teenage cochlear implant users Brockmeier Steffi Johanna, Teschke Claudia (Munich – Germany)
Z3 – O11	8 min	Korean HINT: Cross-language equivalency in normal and CI listeners Sigfrid Soli, Sung-Kyung Moon, Hong Joon Park, Seung-Chul Lee, Young-Myoung Chun, Hanna Lee, Jee-Yeon Lee, KYOUNG YOU et al. (Los Angeles – USA; Seoul – Korea)





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Z3 – O12	8 min	The Bark scale in children with cochlear implants: Ongoing findings Ross Tonini, Jamie Rasmus, Charles Ballay, John Oghalai, Spiros Manolidis (Houston, New York – USA)
Z3 – P13	3 min	Evaluation of fourth book in 'Murat' reader series Julie Kosaner (Eskisehir – Turkey)
Z3 – O14	8 min	Differences in perception of handicap between cochlear implant users and spouses Manohar Bance, Jillian Ryan, Heather Maessen (Halifax – Canada)
Z3 – P15	3 min	Talker familiarity's affect on cochlear implant users' sentence recognition Brittan A Barker (Iowa City – USA)
Z3 – O16	8 min	Assessment of parental views of their cochlear implanted children Kimitaka Kaga, Limin Yu, Yusuke Akamatsu, Erika Ogata, Ken Ito, Tatsuya Yamasoba (Tokyo – Japan)
Z3 – O17	8 min	Early intervention and cochlear implants: Parental perspectives Donna Sorkin, Terry Zwolan (McLean – USA)
Z3 – O18	8 min	Parental decision making regarding choice of implant manufacturer for their children Jan A Moore, Mallory Cole (Austin – USA)
Z3 – P19	3 min	Development of an effective pediatric counseling tool Jody Haymond, Ross Tonini (Houston – USA)
Z3 – P20	3 min	ABQuest: handling research questionnaires efficiently Filiep Vanpoucke, Philippe Dykmans, Debi Vickers (Antwerp – Belgium)
Z3 – P21	3 min	Advocacy program at the Let Them Hear Foundation Joseph B Roberson, Sheri Byrne-Haber (East Palo Alto – USA)



Coffee Break





Thursday, 15.06.2006

Zeremoniensaal

Electrophysiology (Z4)

16:30 – 18:00

Chair : Paul Kileny, Paul Abbas

Z4 – O1	8 min	Electric-acoustic stimulation: auditory nerve single fiber results Charles Miller, Paul Abbas, Barbara Robinson, Kirill Nourski, Fawen Zhang, Fuh-Cherng Jeng (Iowa City – USA)
Z4 – O2	8 min	Do auditory cortex fMRI activations predict CI outcome? Katrin Neumann, Christine Preibisch, Joachim Spreer, Peter Raab, John Hamm, Jan Kiefer, Silke Helbig, Harald A Euler (Frankfurt – Germany)
Z4 – O3	8 min	Can fMRI predict outcome for cochlear implantation in children? Scott K Holland, Daniel I Choo, Vincent J Schmithorst, Mekibib Altaye, Prasanna Karunanayaka, Ankur Patel, David Brown, Edie Eads et al. (Cincinnati - USA)
Z4 – O4	8 min	fMRI before cochlear implantation (CI) in small children Christoph Knaus, Andreas Bartsch, Armin Biller, Joachim Müller (Würzburg – Germany)
Z4 – P5	3 min	Electroaudiometry - its present role in preoperative assessment of the CI candidates Saba Battelino, Miha Zargi (Ljubljana – Slovenia)
Z4 – O6	8 min	Stochastic neural firing applied to neural excitation spread JE Smit, T Hanekom, JJ Hanekom (Pretoria – South Africa)
Z4 – O7	8 min	Electrically evoked auditory change potentials Carolyn Brown, Paul Abbas, Christine Etler, Sara O'Brien, Sheryl Erenberg (Iowa City – USA)
Z4 – O8	8 min	Electrophysiological responses within the spiral ganglion Qing Liu, Robin L Davis (USA)
Z4 – O9	8 min	Differential patterns of brain activation during auditory processing in cochlear implant recipients Yael Henkin, Simona Tetin-Schneider, Liat Kishon-Rabin, Minka Hildesheimer (Tel Aviv - Israel)
Z4 – O10	8 min	Alteration in low frequency place pitch with electrical stimulation Bruce J Gantz, Lina AJ Reiss, Christopher W Turner (Iowa City – USA)
Z4 – O11	8 min	Lateralisation of speech processing in cochlear implant users Kevin Green, Peter Julyan, David Hastings, Richard T Ramsden (Manchester – UK)
Z4 – P12	3 min	A bipolar electrode for objective electromyographic registration of stapedius muscle reflexes Hans Wilhelm Pau, Rüdiger Dahl, Uwe Sievert, Thorsten Zehlic (Rostock – Germany)





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- | | | |
|-----------------|-------|---|
| Z4 – P13 | 3 min | Intra-operative Stapedius reflex threshold: Comparison of multi channel stimulation versus single channel stimulation
Rolf-Dieter Battmer, Martina Brendel, Andreas Buechner, Carolin Frohne-Buechner, Timo Stoever, Burghard Schwab, Thomas Lenarz (Hanover – Germany) |
| Z4 – P14 | 3 min | Electrically evoked action potential (EAP) parameters obtained from pre-lingually deaf implanted patients
Rosamaria Santarelli, Vincenzo Magnavita, Pietro Scimemi, Anna Monteleone, Maria Guarnaccia, Edoardo Arslan, Laure Arnold (Padua – Italy) |
| Z4 – P15 | 3 min | Measurement of electrically evoked auditory brainstem and cortical responses using the Nucleus® Freedom™ cochlear implant
John M Heasman, Pavel Prado-Guitierrez, Leonie M Fewster, Colette M McKay, Robert K Shepherd (Melbourne – Australia) |

Thursday, 15.06.2006

Prinz Eugen Saal

Radiologic Evaluation (PE1)

08:15 – 10:00

Chair: Christian Czerny, Johan Frijns

- | | | |
|-----------------|--------|---|
| PE1 – 01 | 20 min | State of the art: Radiologic evaluation pre and post cochlear implantation
Christian Czerny, Wolf-Dieter Baumgartner (Vienna – Austria) |
| PE1 – 02 | 8 min | Cochlear implantation in children – do we need MRI scan in all potential candidates?
Anke Lesinski-Schiedat, K Willenborg, H Becker, Thomas Lenarz (Hanover – Germany) |
| PE1 – 03 | 8 min | Combination of CT and MRI as neuroradiological imaging modalities in patients before cochlea implantation
Andrea Bink, Silke Helbig, Friedhelm Zanella (Frankfurt – Germany) |
| PE1 – 04 | 8 min | Application of temporal bone computed tomography in selection for cochlear implantation
Anna Piotrowska, MI Furmanek, Artur Lorens, Henryk Skarżyński, JM Walecki (Kajetany – Poland) |
| PE1 – 05 | 8 min | Multislice CT in preoperative assessment of ear anatomy for cochlear implantation
Nenad Arsovic, Branka Mikic, Andja Jasovic, Radomir Radulovic (Belgrade – Serbia and Montenegro) |





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PE1 – O6	8 min	Interest of preoperative evaluation of cochlear size from CT scan Chris James, Bernard Fraysse, Olivier Deguine, Elias Eter, Nadine Cochard, Bernard Escudé (Toulouse – France)
PE1 – O7	8 min	Low field MRI on CI candidates evaluation - Study of 18 deaf and blind children Ulises Rodriguez, Luis Quevedo, Antonio Paz, Maribel Ponce de Leon, Sandra Bermejo (Havana – Cuba)
PE1 – O8	8 min	Micro-CT anatomical study of human cochleae Andrzej Zarowski, Filiep Vanpoucke, Andrei Postnov, Nora De Clerck, Thomas Somers, Erwin Offeciers, Stefaan Peeters (Antwerp – Belgium)
PE1 – O9	8 min	Virtual cochlear implantation Catherine Todd, Fazel Naghdy (Wollongong – Australia)
PE1 – O10	8 min	Evaluation of the implanted cochlear implant electrode by CT scanning three dimensional reconstruction Wei-Jia Kong, Hui Ma, Pin Han, Xing-Jian Yue, Xing-Gao Xong, Yan-Jun Wang (Wuhan – China)
PE1 – O11	8 min	MSCT- analysis of cochlear anatomy and electrode position Johan HM Frijns, Berit M Verbist, Jeroen J Briaire (Leiden – Netherlands)



Vibrant MED-EL Coffee Break hear**LIFE**





Thursday, 15.06.2006

Prinz Eugen Saal

Brainstem Implants (PE2)

10:30 – 12:30

Chair: Vittorio Colletti, Richard Ramsden

PE2 – 01	8 min	First successful case of electrical stimulation of the human inferior colliculus Vittorio Colletti, Robert Shannon, Marco Carner, Liliana Colletti (Verona – Italy)
PE2 – 02	8 min	Concept electrophysiological assessment and safety studies of the auditory midbrain implant (AMI) Minoo Lenarz, Günther Reuter, Jim Patrick, H Lim, Madjid Samii, Thomas Lenarz (Hanover – Germany)
PE2 – 03	8 min	Auditory implant surgery in Neurofibromatosis 2: Early and long-term management Cordula Matthies, Tilman Schweitzer, Klaus Roosen, Katja Kniese, Madjid Samii, Thomas Lenarz, Jan Helms, Rudolf Hagen et al. (Multicenter – Germany)
PE2 – 04	8 min	Auditory brainstem implant in NF2 and other otologic indications Olivier Sterkers, Alexis Bozorg-Grayeli, Emmanuelle Ambert-Dahan, Didier Bouccara, Michel Kalamarides, WP Sollman, A Rey (Clichy – France)
PE2 – 05	8 min	Cochlear and brainstem implantation in patients with vestibular schwannoma and profound contra lateral hearing loss Alexis Bozorg Grayeli, Didier Bouccara, Isabelle Mosnier, Emmanuelle Ambert-Dahan, Olivier Sterkers, Xavier Bichat, Michel Kalamarides (Clichy, Paris – France)
PE2 – 06	8 min	Comparison of ABI results in NF2 and non-tumour patients Robert Shannon, Marco Carner, Liliana Colletti, Vittorio Colletti (Los Angeles – USA; Verona – Italy)
PE2 – 07	8 min	Restoration of hearing with auditory brainstem implants in NF2 patients Robert Behr, Bernd Hölper, Joachim Müller (Fulda, Würzburg – Germany)
PE2 – 08	8 min	Intra-operative EABR and post-operative hearing in the ABI Martin O'Driscoll, Deborah Mawman, Richard Ramsden (Manchester – UK)
PE2 – 09	8 min	Results of the Digisonic® SP auditory brainstem implant Franco Trabalzini, Francois Michel Vaneecloo, Christophe Vincent, Jacques Magnan, Daphnee Emilie (Padova – Italy ; Lille, Marseille, Vallauris – France)
PE2 – 010	8 min	Auditory outcomes in children fitted with ABI Liliana Colletti, Marco Carner, Vittorio Colletti (Verona – Italy)





Round Table Advances in Brainstem and Midbrain Implants:

Moderator: Vittorio Colletti

(Verona – Italy)

Panelists: Richard Ramsden
Minoo Lenarz
Robert Shannon
Robert Behr
Renaud Meller
Olivier Sterkers

(Manchester – UK)
(Hanover – Germany)
(Los Angeles – USA)
(Fulda – Germany)
(Marseilles – France)
(Clichy – France)



Lunch Buffet

Guten Appetit
Bon Appétit





Thursday, 15.06.2006

Prinz Eugen Saal

Hearing Aid and Cochlear Implant (PE3)

14:00 – 15:00

Chair: Michal Luntz, Wolfgang Döring

- | | | |
|-----------------|-------|---|
| PE3 – 01 | 8 min | Bilateral cochlear implants and combinations with acoustical aids
Richard S Tyler, Camille Dunn, Shelley Witt, William Noble (Iowa City – USA) |
| PE3 – 02 | 8 min | Restoration of binaural hearing capabilities with unilateral CI's in patients with residual hearing with the opposite ear
Lars-U Scholtz, Joachim Mueller, Stephan Brill, Christoph Knaus, Rudolf Hagen (Würzburg – Germany) |
| PE3 – 03 | 8 min | Optimising hearing of adults who use hearing aids with cochlear implants
Maire Doran, Jennifer Rogers, Julie Eyles, Sarah Flynn (Bodelwyddan, Southampton – UK) |
| PE3 – 04 | 8 min | Binaural-bimodal hearing: Evidence on binaural advantages
Paula Incerti, Teresa YC Ching, Mandy Hill, Emma van Wanrooy, Colleen Psarros (Sidney - Australia) |
| PE3 – 05 | 8 min | Cochlear implant and contra lateral hearing aid: binaural advantages
Constantino Morera, Manuel Manrique, Angel Ramos, Luis Garcia-Ibañez, Laura Cavalle, Alicia Huarte, Carmen Castillo, Elizabeth Estrada (Valencia, Pamplona, Las Palmas, Barcelona – Spain) |
| PE3 – 06 | 8 min | CROS systems, bimodal use, and bilateral implantation - a comparison of outcomes
Christian Durst, Richard Ramsden, Quentin Summerfield, Mark Lutman, David Strachan (Manchester, York, Southampton, Bradford – UK) |
| PE3 – 07 | 8 min | Perception of suprasegmental features of speech by children with cochlear implants and children with hearing aids
Tova Most, Miriam Peled (Tel Aviv – Israel) |
| PE3 – 08 | 8 min | Changes over time in the benefit of contralateral amplification in unilateral cochlar implant users
Michal Luntz, Talma Shpak (Haifa – Israel) |





Thursday, 15.06.2006

Prinz Eugen Saal

15:00 – 16:00

Quality of Life and Safety in Cochlear Implants (PE3)

Chair: Douglas Backous, Rolf-Dieter Battmer

PE3 – 09	8 min	Quality of life measures for patients with bilateral cochlear implants Roberta Buhagiar, Mark Lutman (Southampton – UK)
PE3 – 010	8 min	Impact of cochlear implantation on quality of life in postlingually deaf adults - results of long term follow up Goodlieve Damen, Andy Beynon, Paul Krabbe, Jef Mulder, Emmanuel Mylanus (Nijmegen – Netherlands)
PE3 – 011	8 min	Economic and outcome analysis of non- use among CI patients Christopher Raine, Quentin Summerfield, David Strachan, Jane Martin, Catherine Totten (Bradford, York – UK)
PE3 – 012	8 min	Improved access and center viability part 1: Value stream mapping Douglas D Backous, Stacey D Watson, Allison A Zarkos, Jan Hess (Seattle – USA)
PE3 – 013	8 min	Necessity for quality control after cochlear implant surgery Antje Aschendorff, Thomas Klenzner, Jan Kromeier, Stefanie Kröger, Roland Laszig (Freiburg – Germany)
PE3 – 014	8 min	Safety and reliability of cochlear implants Rolf-Dieter Battmer, Birgit Linz, Thomas Lenarz (Hanover, Bonn – Germany)
PE3 – 015	8 min	CI explants reported according to new reliability standard Douglas D Backous, Stacey D Watson, Allison A Zarkos (Seattle – USA)
PE3 – 016	8 min	Cochlear implant market dynamics – Expansion versus saturation Matthias P Schönermark, Carine Andrey, Heike Kielhorn (Hanover – Germany)



Coffee Break





Thursday, 15.06.2006

Prinz Eugen Saal

Electrode Design (PE4)

16:30 – 18:00

Chair: Antje Aschendorff, Robert Briggs

PE4 – 01	8 min	The slim lateral electrode array: Designed for round window insertion Thomas Lenarz, Timo Stöver, Carolin Frohne-Büchner, Andreas Büchner (Hanover – Germany)
PE4 – 02	8 min	Comparison of round window and cochleostomy approaches with a prototype hearing preservation electrode Robert JS Briggs, Michael Tykocinski, Jin Xu, Frank Risi, Martin Svehla, Robert Cowan, Timo Stöver, P Erfurt et al. (Melbourne – Australia; Hanover – Germany)
PE4 – 03	8 min	New cochlear implant electrodes contribute to the improvement in outcome Gerrit Paasche, Sarah Wieland, Thomas Lenarz, Timo Stöver (Hanover – Germany)
PE4 – 04	8 min	Round window approach with different types of electrodes design for hearing preservation Henryk Skarżyński, Maciej Mrówka, Paulina Młotkowska-Klimek, R Podskarbi, Artur Lorens, Anna Piotrowska (Kajetany – Poland)
PE4 – 05	8 min	Implications of the oblique course of apical nerve fibers Randy K Kalkman, Jeroen J Briaire, Johan HM Frijns (Leiden – Netherlands)
PE4 – 06	8 min	Evaluation of the swine cochlea anatomy as a model for human cochlear implantation Marc Unkelbach, Andreas Radeloff, Oliver Adunka, Reiner Hartmann, Wolfgang Gstöttner (Frankfurt – Germany)
PE4 – 07	8 min	Further experience with “pull-back” of perimodiolar electrodes Ingo Todt, Dietmar Basta, Arne Ernst (Berlin - Germany)
PE4 – 08	8 min	Providing appropriate cochlear implant electrodes to different cochlear malformations: What suits and what are the outcomes? Ilona Anderson, Andreas Jäger (Innsbruck – Austria)
PE4 – 09	8 min	Electrode design considerations for reducing trauma Peter Gibson, Frank Risi, Jim Patrick, Martin Svehla, Claudiu Treaba (Sidney, Melbourne – Australia)
PE4 – 010	8 min	Advanced Bionics electro acoustic systems design considerations Edward H Overstreet (Sylmar – USA)





Thursday, 15.06.2006

Gartensaal

Signal Processing (G1)

08:15 – 10:00

Chair: Joachim Müller-Deile, Francois Bergeron

G1 – O1	8 min	European multi-centre study on the determination of perceptual channels Martin Eklöf, Patrizia Mancini, Manuela Mazzoli, Martina Brendel, Gül Caner (Multicenter – Sweden, Italy, Germany, Turkey)
G1 – O2	8 min	Influence of HighRes 90k stimulation parameters on the electrically evoked stapedius reflex Joachim Müller-Deile, Thomas Kortmann (Kiel – Germany)
G1 – P3	3 min	The Freedom speech processor for N24 series cochlear implants Colleen Psarros, Sharan Westcott, Sarah Platt-Hepworth, Deborah Pallett, Mary-Ann Law, Kerrie Plant, Esti Nel, Yetta Abrahams et al. (Darlinghurst, Sidney, Melbourne – Australia; Denver – USA)
G1 – O4	8 min	Current steering through quadrupolar stimulation and “virtual channels”: spectral resolution and speech perception Lucas Mens, Carlo Berenstein, Jef Mulder, Filiep Vanpoucke (Nijmegen – Netherlands)
G1 – P5	3 min	Concept and technical features of the new HiRes Auria+ processor Alexandre Gault, Carolin Frohne-Büchner, Jean-Baptiste Delande, Laure Arnold, David Miller, Patrick Boyle (Sarl – France)
G1 – O6	8 min	Combined processor for electro-acoustic stimulation with Nucleus 24 Bernard Fraysse, Olivier Deguine, Chris James, Olivier Sterkers, Didier Bouccara, Emmanuël Ambert-Dahan, Ibrahim Bouchataoui, Matthijs Killian (Toulouse, Clichy – France; Mechelen – Belgium)
G1 – O7	8 min	Performance with a miniaturized, cable free FM for CI users Patricia Trautwein, Jace Wolfe (Sylmar – USA)
G1 – P8	3 min	The Auria iConnect: an ear-level connector for an FM receiver Carolin Frohne-Büchner, Martina Brendel, Alexandre Gault, Andreas Büchner, Thomas Lenarz (Hanover – Germany)
G1 – O9	8 min	Infant speech processor conversion study from SPrint™ to ESPr™ 3G™ Catherine Totten, Jane Bradley, Stuart Thomas (Bradford, London – UK)
G1 – O10	8 min	Benefits of the T-Mic in the HiResolution cochlear implant system Jane Madell, Lori Markoff, Ronald Hoffman, Nicole Sislian (New York – USA)





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- | | | |
|-----------------|-------|--|
| G1 – O11 | 8 min | Telemedical application for remote cochlear implant fitting
Arkadiusz Wasowski, Przemysław Rudowski, Artur Lorens, Adam Walkowiak, Anita Obrycka, Henryk Skarzynski (Kajetany – Poland) |
| G1 – O12 | 8 min | Multicentric study on adult patients implanted with the Digisonic SP cochlear implant system
Jacques Magnan, Renaud Meller, Emilien Radafy, Philippe Bordure, Bernard Meyer, Claude Fugain, Lionel Collet, Eric Truy et al. (Marseille, Nantes, Paris, Lyon, Lille – France) |

**VIBRANT
MED-EL**



Vibrant MED-EL Coffee Break hear**LIFE**

Thursday, 15.06.2006

Gartensaal

Tinnitus and Cochlear Implant (G2)

10:30 – 12:30

Chair: Paul van de Heyning, Jay Rubinstein

- | | | |
|----------------|-------|--|
| G2 – O1 | 8 min | Tinnitus treatment with CI in unilateral deafness
Paul Van de Heyning, Katrien Vermeire, Dirk De Ridder (Antwerp – Belgium) |
| G2 – O2 | 8 min | Hearing capabilities after CI in unilateral sensorineural deafness and tinnitus
Katrien Vermeire, Peter Schleich, Paul Van de Heyning (Antwerp – Belgium) |
| G2 – O3 | 8 min | Swiss multi-centre study on tinnitus and cochlear implantation
Martin Kompis, Marco Pelizzone, Norbert Dillier, John Allum, Nicola DeMin (Multicenter - Switzerland) |
| G2 – O4 | 8 min | Tinnitus suppression by electrical stimulation with cochlear implants: Study of 100 patients
Liesbeth De Coninck, Andrzej Zarowski, Isabelle Schattelman, Margriet Verstreken, Thomas Somers, Stefaan Peeters, Erwin Offeciers (Antwerp – Belgium) |
| G2 – O5 | 8 min | Auditory system gain and the treatment of tinnitus in implant patients
Hinrich Staecker, Susan Gold, Craig Formby (Kansas City - USA) |
| G2 – O6 | 8 min | Tinnelec®: Tinnitus reduction implant by electrical stimulation of the oval window
Bruno Frachet, Vincent Pean, Emilie Vormes, Bertrand Philippon, David Veran (Bobigny, Vallauris – France) |





Round Table Tinnitus and Cochlear Implant:

Moderator: Paul van de Heyning

(Antwerp – Belgium)

Panelists: Bruno Frachet
Martin Kompis
Jay Rubinstein
Richard Tyler

(Bobigny – France)
(Berne – Switzerland)
(Seattle – USA)
(Iowa City – USA)



Lunch Buffet

Guten Appetit
Bon Appétit





Thursday, 15.06.2006

Gartensaal

14:00 – 16:00

Cochlear Implant in Multihandicapped Patients (G3)

Chair: Craig Buchman, Ahmed Daneshi

G3 – O1	8 min	Clinical characteristics of children with cochlear nerve deficiency Craig A Buchman, Oliver F Adunka, Patricia A Roush, Holly FB Teagle, Carolyn J Brown, Carlton J Zdanski, John H Grose (Chapel Hill – USA)
G3 – P2	3 min	Clinical spectrum of inner ear malformations Oliver F Adunka, Craig A Buchman (Chapel Hill – USA)
G3 – P3	3 min	Cochlear implantation in Osteogenesis Imperfecta Liselotte JC Rotteveel, Andy J Beynon, Jef JS Mulder, Ad FM Snik, Lucas HM Mens, Emmanuel AM Mylanus (Nijmegen – Netherlands)
G3 – P4	3 min	Outcome of cochlear implantation in Refsum's Disease Maria Fernando Kurukulasuriya, Yogesh Bajaj, David Strachan, Christopher Raine (Bradford – UK)
G3 – P5	3 min	Successful cochlear implantation in a child with Cornelia de Lange syndrome Alexandra Jappel, Sonja Hickmann, Wolf-Dieter Baumgartner, Klemens Frei, Reinhard Ramsebner, Christoph Arnoldner (Vienna – Austria)
G3 – P6	3 min	Successful cochlear implantation in a peri-lingually deaf patient with the Melnick-Needles syndrome Annelies Vermeiren, Andrzej Zarowski, Filiep Vanpoucke, Thomas Somers, Erwin Offeciers (Antwerp – Belgium)
G3 – P7	3 min	Cochlear implantation in Cockayne Syndrome - Our experience of two cases with different outcomes David P Morris, Alian Wael, Heather Maessen, Cathy Creaser, Stephanie Demmons – O'Brien, Rene Van Wijhe, Manohar Bance (Halifax – Canada)
G3 – P8	3 min	Implantation of three children with KID syndrome Elizabeth Barker, Robert Briggs, Kerry Saunders (Melbourne – Australia)
G3 – O9	8 min	Cochlear implantation in children with Mondini deformity Sandra G DeSa Souza, Dillon JF D'Souza, Natasha A D'Souza (Mumbai – India)
G3 – P10	3 min	Cochlear Implantation in "common cavity" deformation Markus Suckfuell, Uwe Baumann, Juliane Wechtenbruch, John-Martin Hempel (Munich – Germany)
G3 – P11	3 min	Cochlear implantation results in Kearns-Sayre syndrome Sipke Pijl, Brian D Westerberg (Vancouver - Canada)





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G3 – O12	8 min	Two year post implant results with custom electrodes for common cavity Ross Tonini, Spiros Manolidis (Houston, New York – USA)
G3 – O13	8 min	Cochlear implantation in deaf children with additional disabilities Karen C Johnson, Jean L DesJardin, Margaret E Winter, Laurie S Eisenberg (Los Angeles – USA)
G3 – O14	8 min	CI surgery in special cases with anatomical and functional outcome Milan Profant, Zuzana Kabátová, Ludovika Simkova, Stefan Simko, Marian Groma, Kamil Seginko (Bratislava – Slovak Republic)
G3 – O15	8 min	Cochlear implant in inner ear malformations: Labyrinthotomy approach Nagaraj Sivaji, M Shanks, Agnes Allen (Kilmarnock – UK)
G3 – P16	3 min	Bilateral atresia of the internal auditory meatus – Case report Luminita Radulescu, Sebastian Cozma, Dan Martu, Aurelian Curca (Iasi – Romania)
G3 – P17	3 min	Cochlear implants in cerebral palsy children Hao Wu, Qi Huang, Xiangping Chen, Yun Li, Zhen Tao (Shanghai – China)
G3 – P18	3 min	Cochlear implantation in a child with cerebral palsy Yiqing Zheng, Wie Liu, Xianghui Li, Xiang Liu, Yongkang Ou (Guangzhou – China)
G3 – O19	8 min	Cochlear implantation in enlarged cochlear aqueduct Laura Cavalle Garrido, Herminio Morera, Isabel Ibanez, Diego Collado, Constantino Morera (Valencia – Spain)
G3 – O20	8 min	Cochlear implantation in children with Waardenburg syndrome Ahmad Daneshi, Saeid Hassanzadeh, Hessam Emamdjomeh, Mohammad Farhadi (Teheran – Iran)



Coffee Break





Thursday, 15.06.2006

Gartensaal

***MRI Safety in Cochlear Implantation (G4)* 16:30 - 18:00**

Chair: Robert Behr, Peter Weber

- | | | |
|----------------|-------|--|
| G4 – 01 | 8 min | MRI compatibility of the Digisonic SP cochlear implant
Christophe Vincent, Frederique Dubrulle, Francois Michel Vaneeecloo, Olivier Le Caharec, Benjamin Friess, Bertrand Philippon (Lille, Vallauris – France) |
| G4 – 02 | 8 min | Magnetic resonance imaging (MRI) in patients with implanted ABI (Combi 40+) – Experience in 5 cases
Robert Behr, Erich Hofmann (Fulda – Germany) |
| G4 – 03 | 8 min | MRI safety of the MED-EL cochlear implants
Martin Zimmerling (Innsbruck – Austria) |
| G4 – 04 | 8 min | Safety of Nucleus 24 implants with Magnetic Resonance Imaging
Erwin Offeciers, Andrzej Zarowski, Herbert Mauch, Ernst von Wallenberg, Frank Risi (Antwerp – Belgium; Basel – Switzerland; Sydney – Australia) |
| G4 – 05 | 8 min | MRI and cochlear implant: clinical experience in more than 100 cochlear implanted patients
Wolf-Dieter Baumgartner, Alexandra Jappel, Soraya Robinson, Christian Czerny, Michael Gruber, Herwig Imhof (Vienna – Austria) |
| G4 – 06 | 8 min | Is Gamma Knife radiation really a contraindication?
Peter Weber, Don Goldberg, Amy Warner, Michael Scott (Cleveland – USA) |





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Thursday, 15.06.2006

19:30



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Conference on Cochlear Implants and Related Sciences

kindly invites You to the

Special Performance of the Spanish Horse Riding School

Afterwards (5 minutes / about 400 meters walking distance)

Cocktail with classic music and finger food in the Albertina Museum



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End

23:00





Friday, 16.06.2006

Festsaal

Bilateral Cochlear Implantation (F5)

08:00 – 10:00

Chair: Joachim Müller, Bernhard Laback

F5 – P1	3 min	My own case study: An audiologist with bilateral cochlear implants Erwin Ungui (Manila – Philippines)
F5 – O2	8 min	Limitations on the perception of interaural time differences in electric and acoustic hearing Bernhard Laback, Piotr Majdak, Wolf-Dieter Baumgartner (Vienna – Austria)
F5 – O3	8 min	Effects of interaural time differences in fine structure and envelope on lateral discrimination Piotr Majdak, Bernhard Laback, Wolf-Dieter Baumgartner (Vienna – Austria)
F5 – O4	8 min	Bilateral cochlear implantation – 10 years of experience Joachim Müller, Franz Schön, Stephan Brill, Wafa Shehata-Dieler, Birgitt May, Jan Helms, Rudolf Hagen (Würzburg – Germany)
F5 – O5	8 min	Performance with a current-steered ‘virtual’ channels strategy (HiRes 120) on bilateral cochlear implant recipients Richard S Tyler, Camille C Dunn, Shelley A Witt, Bruce J Gantz (Iowa City - USA)
F5 – O6	8 min	Aspects of bilateral cochlear implantation Peter Nopp, Peter Schleich, Alexander Möltner, Heike Kühn-Inacker, Wafaa Shehata-Dieler, Joachim Müller (Innsbruck – Austria; Würzburg – Germany)
F5 – O7	8 min	Comparison of bilateral versus monaural pediatric cochlear implantation Wolf-Dieter Baumgartner, Alexandra Jappel, Michaela Katzinger, Sonja Hickmann, Isabella Ehrenreich, Klemens Frei, Reinhard Ramsebner, Jafar Sasan Hamzavi (Vienna – Austria)
F5 – O8	8 min	Benefits of early versus late bilateral cochlear implantation in children Fanny Scherf, Paul Van de Heyning, Lieselot Van Deun, Astrid van Wieringen, Christain Desloovere, Ingeborg Dhooge, Andrzej Zarowski, Naïma Deggouj et al. (Multicenter – Belgium)
F5 – O9	8 min	Sound localization and lateralization in NH and bilateral CI children Lieselot Van Deun, Astrid van Wieringen, Tim Van den Bogaert, Fanny Scherf, Paul Van de Heyning, Naïma Deggouj, Leo De Raeye, Ingeborg Dhooge et al. (Multicenter – Belgium)
F5 – O10	8 min	Progress report of a 5 year multi-centre study on bilateral implantation in young children P Ashley Wackym, Chris Runge-Samuelson, Carla Balko, Hilary Szymanski, Jaye Berghauser (Milwaukee – USA)





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F5 – O11	8 min	Results of bilateral cochlear implantation in children Thomas Stark, Andreas Engel, Denise Rosenberger, Dominik Brors, Stefan Dazert (Bochum – Germany)
F5 – O12	8 min	Complications of simultaneous versus sequential bilateral cochlear implantation in children Joseph B Roberson Jr, Larisa D Kunda, Michelle M Inserra, Katrina R Stidham (East Palo Alto – USA)
F5 – O13	8 min	Development of binaural hearing in sequentially bilaterally implanted subjects Wolfgang H Döring (Aachen – Germany)
F5 – O14	8 min	Advantages of two in-the-ear microphones in bilateral implantees Georgios Mantokoudis, Mattheus Vischer, Martin Kompis, Pascal Senn, Rudolf Häusler (Berne – Switzerland)
F5 – O15	8 min	New protocol for speech recognition with bilateral implantation Jill B Firszt, Ruth M Reeder, Laura K Holden, Margaret W Skinner (St. Louis - USA)



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Coffee Break





Friday, 16.06.2006

Festsaal

Implantable Hearing Aids (F6)

10:30 – 12:30

Chair: Rudolf Häusler, Karl Bernd Hüttenbrink

F6 – O1	8 min	The bionic middle ear for the failures of ossiculoplasty Vittorio Colletti, Marco Carner, Liliana Colletti (Verona – Italy)
F6 – O2	8 min	Middle ear implantable hearing device concepts and implementations Jonathan H Spindel (Harrisonburg – USA)
F6 – O3	8 min	A round window implantable hearing device using a floating mass transducer Jonathan H Spindel, Geoffrey Ball (Harrisonburg – USA; Innsbruck – Austria)
F6 – O4	8 min	Fully implantable microphone – a piezoelectric sensor in the middle ear Hannes Seidler, Matthias Bornitz, Matthias Blau, Alexander Hellmuth, Gert Hofmann, Karl-Bernd Hüttenbrink, Martin Kerber, Thomas Zahnert et al. (Dresden, Cologne – Germany; Innsbruck – Austria)
F6 – O5	8 min	Concept of a passive/active prosthesis for a social hearing in the chronically disabled middle ear Karl-Bernd Hüttenbrink, Thomas Zahnert, Mathias Bornitz, Gerd Hofmann (Cologne, Dresden – Germany)
F6 – O6	8 min	History, present and future of the floating mass transducer design Peter Lampacher, Geoffrey Ball (Innsbruck – Austria)
F6 – O7	8 min	The transfer function of the Vibrant® Soundbridge® on the non ventilated middle ear Thomas Zahnert, Matthias Bornitz, Nikolosz Laszurashvilli, Karl-Bernd Hüttenbrink (Dresden, Cologne – Germany)
F6 – O8	8 min	Minimal access surgery for the Vibrant middle ear hearing implant David Foyt, Sharon Rende, Erick Steiniger, Julie Hanson-Armao (New York – USA)
F6 – O9	8 min	Alternative transmeatal approach for Vibrant® Soundbridge® middle ear implantation without posterior tympanotomy Jean-Pierre Lavieille, Renaud Meller, Arnaud Deveze, Jacques Magnan (Marseille – France)
F6 – O10	8 min	VSF middle ear implant for rehabilitation of high frequency hearing loss Klaus Boenheim, Alexander Nahler, Max Schloegel (St. Pölten – Austria)





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- | | | |
|-----------------|-------|---|
| F6 – O11 | 8 min | The middle ear implant Vibrant Soundbridge used as an open ear solution for SNHL – experience from the German Military Hospital Ulm
Eberhard Aigner, Matthias Tisch (Ulm – Germany) |
| F6 – O12 | 8 min | Bilateral Vibrant® Soundbridge® implantation: audiological benefits in noisy environments
Jean Pierre Lavieille, Sebastien Schmerber, Eric Truy, Alain Uziel, Jacques Magnan, Jean Michel Triglia, Jean Pierre Bébéar, Pierre Garin (Multicenter – France, Belgium) |
| F6 – O13 | 8 min | A novel implantable hearing system with direct acoustical cochlear stimulation – DACS
Rudolf Häusler, Christof Stieger, Hans Bernhard, Martin Kompis, Thomas Lenarz (Berne – Switzerland; Hanover – Germany) |
| F6 – O14 | 8 min | Implantation of a titanium tube in the outer ear and possibilities of its use for implantable hearing devices
Theo Wesendahl, Mark Winter (Rheine – Germany) |
| F6 – O15 | 8 min | Audiological results with the semi-implantable hearing aid system RetroX
Mark Winter, Theo Wesendahl (Rheine – Germany) |
| F6 – O16 | 8 min | Reaction of retroauricular tissue after titanium tube-implantation
Uwe Hiller, Theo Wesendahl (Münster, Rheine – Germany) |



Lunch Buffet

**Guten Appetit
Bon Appétit**





Friday 16.06.2006

Festsaal



Neurelec Symposium

12:55- 13:55

20 years of experience in Cochlear Implant Technology

Chair: Jean-Pierre Bebear – Bruno Frachet

Neurelec – S1	7 min	Presentation of Neurelec David Veran (Sophia Antipolis – France)
Neurelec – S2	13 min	The Digisonic SP product line Daphne Emili (Sophia Antipolis – France)
Neurelec – S4	10 min	Objective Measures Christophe Vincent (Lille – France)
Neurelec – S5	10 min	Ear Group experience Paul Govaerts (Antwerp – Belgium)
Neurelec – S6	10 min	Perspectives in Auditory Implants Bruno Frachet (Paris – France)
Neurelec – S7	10 min	Conclusions Jean-Pierre Bébéar (Bordeaux – France)





Friday, 16.06.2006

Festsaal

Implantable Hearing Aids II (F7)

14:00 – 16:00

Chair: Jean Pierre Lavieille, Rudolf Hagen

- | | | |
|-----------------|-------|---|
| F7 – 01 | 8 min | Clinical results: 8 years experience in monaural and bilateral Vibrant Soundbridge implantation
Wolf-Dieter Baumgartner, Alexandra Jappel, Sonja Reiß, Maria Lautischer, Peter Franz, Christoph Arnoldner, Geoffrey Ball (Vienna – Austria) |
| F7 – 02 | 8 min | Middle-ear implant transducer results of the coupling of the floating mass transducer (FMT) to the round window in patients with mixed hearing loss: Surgical technique and performance results
Millo A Beltrame, Guido Cumer, Francesca Maronato, Giuseppe N Frau (Rovereto – Italy) |
| F7 – 03 | 8 min | Auditory rehabilitation with the Vibrant Soundbridge by oval window stimulation after subtotal petrosectomy
Thomas Somers, Sofie Furnière, Daphna Riff, Katrien Ketelslagers, Andrzej Zarowski, Margriet Verstrecken, Isabelle Schatteman, Erwin Offeciers (Antwerp – Belgium) |
| F7 – 04 | 8 min | Vibrant Soundbridge middle ear implant : Vibroplasty techniques in mixed hearing losses
Bruno Frachet, Michel Beliaeff (Bobigny, Sofia Antipolis – France) |
| F7 – 05 | 8 min | Alternative clinical indications for the Vibrant Soundbridge: the experience of the clinic in Meran
Christian Streitberger (Meran – Italy) |
| F7 – 06 | 8 min | New indications of Vibrant Med El middle ear implant in conductive hearing loss
Olivier Deguine, Marie Noelle Calmels, Sebastien Lagleyre, Gaetan Iversenc, Bernard Fraysse (Toulouse – France) |
| F7 – 07 | 8 min | Simultaneous use of Med-El Vibrant Soundbridge and traditional hearing aid
Sharon Rende, Julie Hanson Armao, Matthew Carfrae, David Foyt (New York – USA) |
| F7 – 08 | 8 min | Middle ear implants; patients' satisfaction
Ad Snik, Jef Mulder, Cor Cremers, John Noten (Nijmegen – Netherlands) |
| F7 – 09 | 8 min | Long-term study of “Vibrant® Soundbridge” implantable hearing aids
Thomas Lenarz, Hamidreza Mojallal, Steffen Rose (Hanover – Germany) |
| F7 – 010 | 8 min | Vibrant Soundbridge implant: 5 years results of the first 100 French patients
Isabelle Mosnier, Didier Bouccara, Alexis Bozorg-Grayeli, Olivier Sterkers, Samia Labassi (Clichy, Sofia Antipolis – France) |





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F7 – O11	8 min	Vibrant® Soundbridge® clinical investigations: Expanding indications for use Jane M Opie, Markus Hütter, Peter Grasso, Peter Lampacher, Samia Labassi, Nadia Giarbini, Alexander Huber, Jonathan Spindel (Multicenter – Austria, Switzerland, USA)
F7 – O12	8 min	Estimated cost-effectiveness of active middle ear implantation in hearing impaired patients with severe external otitis Ad Snik, Noortje van Duijnhoven, Emmanuel Mylanus, Cor Cremers (Nijmegen – Netherlands)
F7 – O13	8 min	Otologics semi implantable device for treatment of severe SNHL Christian Dubreuil, Eric Truy, Thierry Mom, Renaud Meller, Paul Berger, Jacques Magnan (Multicenter – France)
F7 – O14	8 min	Indicators for efficient coupling of the Otologics MET Transducer to the incus Hannes Maier, Rudolf Leuwer, Marcos Sanchez-Hanke, Bernd Waldmann (Hamburg, Krefeld – Germany; Boulder – USA)
F7 – O15	8 min	Otologics semi to fully implantable upgrade: Our first results Renaud Meller, Arnaud Deveze, Laurent Tardivet, Jean Pierre Lavieille, Jacques Magnan (Marseilles – France)
F7 – O16	8 min	Otologics fully implantable hearing device surgical improvements Herman Jenkins, Nicholas Pergola, James Kasic (Denver – USA)
F7 – O17	8 min	Otologics fully implantable hearing device results Philippe Lefebvre, Monique DeCat, Cor Cremers, Ad Snik, Hannes Maier, Rudolf Leuwer, Herman Jenkins (Multicenter – Belgium, Netherlands, Germany, USA)



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Coffee Break





Friday, 16.06.2006

Festsaal

Drug Delivery (F8)

16:30 – 18:00

Chair: Thomas Lenarz, Joseph Miller

F8 – 01	8 min	Rescue of auditory neurons: implications for cochlear implants Robert Shepherd, Anne Coco, Stephanie Epp, Jin Xu, Lauren Donley, Patricia Hurley, Sarah McGuinness, James Fallon (Melbourne – Australia)
F8 – 02	8 min	Monitoring of cochlear function during cochlear implantation Oliver F Adunka, Patricia Roush, John Grose, Corinne Macpherson, Craig A Buchman (Chapel Hill – USA)
F8 – 03	8 min	Cochlear implantation and drug delivery from polymers Stephen O'Leary, Rachael Richardson, Farnoosh Noushi (Melbourne – Australia)
F8 – 04	8 min	Substance distribution in a cochlea model using different pump rates to simulate local cochlear drug delivery Timo Stöver, Gerrit Paasche, Lars Bögel, Martin Leinung, Thomas Lenarz (Hanover – Germany)
F8 – 05	8 min	Bacteria or biofilm at the cochleostomy site? Jef Mulder, Edith Tonnaer, Emmanuel Mylanus (Nijmegen – Netherlands)
F8 – 06	8 min	Drug delivery to the inner ear through a port and septum attached to the CI housing and electrode: long term in vitro safety results Claude Jolly, Guido Reetz, Fabrice Béal, Wolf Dieter Baumgartner, Joseph Miller (Innsbruck, Vienna – Austria; USA)
F8 – 07	8 min	Biofilm formation in cochlear implants with cochlear drug delivery channels Trey Johnson, Kimberly Loeffler, Claude N Jolly, Robert A Burne, Patrick J Antonelli (Gainesville – USA; Innsbruck – Austria)
F8 – 08	8 min	Preservation of residual hearing: cochlear implant drug delivery technology Edward H Overstreet (Sylmar – USA)

Round Table Drug Delivery

Moderator: Thomas Lenarz (Hanover – Germany)

Panelists: Joseph Miller (Ann Arbor – USA)
Robert Shepherd (Melbourne – Australia)
Timo Stöver (Hanover – Germany)
Jef Mulder (Nijmegen – Netherlands)
Claude Jolly (Innsbruck – Austria)





Friday, 16.06.2006

Zeremoniensaal

Mapping Strategies (Z5)

08:00 – 10:00

Chair: Kurt Stephan, Huw Cooper

- | | | |
|-----------------|-------|---|
| Z5 – 01 | 8 min | OPUS1 - Signal processing and technical aspects of a Behind-The-Ear speech processor for fine structure stimulation strategies
Clemens Zierhofer (Innsbruck – Austria) |
| Z5 – 02 | 8 min | Improved approximation of stochastic ion channel gating
Ian Bruce, Faheem Dinath (Hamilton - Canada) |
| Z5 – 03 | 8 min | Relating spectral resolution and speech understanding
Anthony J Spahr, Leonid Litvak, Aniket Saoji, Michael F Dorman (Tempe – USA) |
| Z5 – 04 | 8 min | Parametric cochlear implant map adjustments by recipients
Christina Willeboer, Bert van Zanten, Guido Smoorenburg (Utrecht – Netherlands) |
| Z5 – 05 | 8 min | Postoperative Stapedius reflex tests in patients supplied with CI using multichannel electrical stimulation
Kurt Stephan, Viktor Koči (Innsbruck – Austria) |
| Z5 – 06 | 8 min | Excitation fields from cochlear implant stimulation: estimation with numerical models of the human cochlea
Gabriella Tognola, Marta Parazzini, Alessandro Pesatori, Claudia Franzoni, Alessia Paglialonga, Paolo Ravazzani, Ferdinando Grandori (Milan – Italy) |
| Z5 – 07 | 8 min | Which waveform is optimal for modulation rate discrimination?
David Landsberger, Colette McKay (Melbourne – Australia) |
| Z5 – 08 | 8 min | LAEP elicited by meaningful words and speech like stimuli
Wilma Harnisch, Edeltraud Emmerich, Stefan Brill, Frank Richter, Rudolf Hagen (Jena, Würzburg – Germany) |
| Z5 – 09 | 8 min | Intracochlear ECAP testing in children with auditory neuropathy
Jennifer Weinstock, Holly FB Teagle, Carolyn J Brown, Carlton J Zdanski, Craig A Buchman (Chapel Hill – USA) |
| Z5 – 010 | 8 min | Can high performance be achieved by using simplified processor mapping?
Paul Boyd (Manchester – UK) |
| Z5 – 011 | 8 min | An acoustic model of phonetic perception in quiet and noise by CI users
Carl Verschuur (Southampton – UK) |
| Z5 – 012 | 8 min | Bimodal fitting strategies for adults and children
Mark C Flynn, Traci S Flynn, Randi P Pogash, Barbara Esser-Leyding (Eriksholm – Denmark) |





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Vienna, Austria**

- | | | |
|-----------------|-------|---|
| Z5 – O13 | 8 min | Performance with ESRT generated speech processor programmes
Julie Kosaner (Eskisehir – Turkey) |
| Z5 – O14 | 8 min | Objective classification of Neural Response Imaging (NRI)
Laure Arnold, Leonid Litvak, Gulam Emadi, Patrick Boyle (Multicenter – France, USA, UK) |
| Z5 – O15 | 8 min | Spread of excitation in the cochlea
Huw Cooper, Louise Craddock (Birmingham – UK) |



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Coffee Break

Friday, 16.06.2006

Zeremoniensaal

Speech Processing (Z6)

10:30 – 12:30

Chair: Richard Tyler, Chong Sun Kim

- | | | |
|----------------|-------|---|
| Z6 – O1 | 8 min | Signal processing and stimulation strategies for the Digisonic® SP cochlear implant system
Vincent Jourdes, Thomas Leroux, Jean-Claude Repetto (Vallauris – France) |
| Z6 – P2 | 3 min | Influence of cochlear implant stimulation on ASSR measures
Ménard Mikael, Gallego Stéphane, Christian Berger-Vachon, Lionel Collet (Lyon – France) |
| Z6 – O3 | 8 min | Tonotopic coding of frequency within the FINEHEARING concept
Peter Nopp, Peter Schleich, Andrea Nobbe, Clemens Zierhofer (Innsbruck – Austria) |
| Z6 – P4 | 3 min | Localization and speech discrimination with the new fine structure strategy
Peter Schleich, Peter Nopp, Clemens Zierhofer (Innsbruck- Austria) |
| Z6 – O5 | 8 min | Encoding fine time structure with CSSS: concept and first results
Reinhold Schatzer, Mathias Kals, Clemens Zierhofer (Innsbruck – Austria) |
| Z6 – P6 | 3 min | Frequency discrimination with a fine structure strategy
Andrea Nobbe, Peter Schleich, Peter Nopp, Clemens Zierhofer (Innsbruck – Austria) |





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Z6 – P7	3 min	A new stimulation concept based on "selected groups" Mathias Kals, Thomas Gründhammer, Reinhold Schatzer, Clemens Zierhofer (Innsbruck – Austria)
Z6 – P8	3 min	The contribution of the apical region in PULSARci100 cochlear implant patients: Investigations using the Auditory Nerve Response Telemetry (ART) Alexander Nahler, Klaus Böheim, Philipp Spitzer, Clemens M Zierhofer, Hansjörg Schösser (St. Pölten, Innsbruck – Austria)
Z6 – O9	8 min	Multicenter pilot study: Recording of the electrically evoked compound action potential (ECAP) in PULSARci100 users Hansjörg Schösser, Alexander Nahler, Klaus Böheim, Wolf Dieter Baumgartner, Ralf Greisiger, Kjell Rasmussen, Ole Tvette, Arne Rødvik et al. (Multicenter – Austria, Norway, France, Germany)
Z6 – P10	3 min	Application of various stimulation pulse shapes in cochlear implants Hansjörg Schösser, Philipp Spitzer, Clemens Zierhofer, Stefan Brill, M Hey (Innsbruck - Austria; Würzburg, Halberstadt – Germany)
Z6 – P11	3 min	The RateCIS-strategy for cochlear implants Andrea Nobbe, Uwe Baumann (Innsbruck – Austria; Munich – Germany)
Z6 – P12	3 min	Frequency to electrode allocation in the Med El system for Spanish vowel perception Leonor Aronson, Esteban Lopez (Buenos Aires – Argentina)
Z6 – P13	3 min	Experiences with ART (Auditory Nerve Response Telemetry) in MED-EL PULSARci100 patients collected in line with a multicenter pilot study Ralf Greisiger, Kjell Rasmussen, Ole Tvette, Arne Rødvik, Sten Harris, Philipp Spitzer, Clemens M Zierhofer, Hansjörg Schösser (Oslo – Norway; Innsbruck – Austria)
Z6 – O14	8 min	Initial evaluation of the SmartNRI Leonid Litvak, Gulam Emadi (Sylmar – USA)
Z6 – O15	8 min	Neural spread of excitation: an objective tool to improve fitting? Jeanne Guiraud, Laure Arnold, Patrick Boyle, Filiep Vanpoucke, Luc Van Immerseel, Eric Truy, Lionel Collet (Multicenter – France, UK, Belgium)
Z6 – P16	3 min	Optimizing stimulation rate via NRI recordings in response to a burst Andreas Buechner, Carolin Frohne-Büchner, Martina Brendel, Lutz Gaertner, Anke Lesinski-Schiedat, Thomas Lenarz (Hanover – Germany)
Z6 – P17	3 min	Neural response imaging over time in pre-lingually deaf kids Volker Meyer, Susanne Lewinski, Wolfgang Kanert, Carolin Frohne-Büchner, Rolf Dieter Battmer, Bodo Bertram, Thomas Lenarz (Hanover – Germany)
Z6 – P18	3 min	Flexible NRI measurements with the HR90K implant Luc Van Immerseel, Filiep Vanpoucke, Philippe Dykmans, Patrick Boyle (Antwerp – Belgium)
Z6 – P19	3 min	Intra operative NRI's and eSRT's for prediction of MCL values Natasha A D'Souza, Dillon JF D'Souza, Sandra G DeSa Souza (Mumbai - India)





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Z6 – P20	3 min	Relationship between banded NRI and program parameters Istemihan Akin, Sumru Yardimci, Laure Arnold (Ankara – Turkey)
Z6 – P21	3 min	Correlation of banded and single channel NRI to psychophysical measurements Gül Caner, Laure Arnold, Levent Olgun, Gürol Gültekin (Izmir – Turkey)
Z6 – P22	3 min	Optimizing pulse width and rate in HiRes strategies Johan HM Frijns, Raymond M Bonnet, Otto F Avenarius, Nanno FAW Peek, Wim Soede, Jeroen J Briare (Leiden – Netherlands)
Z6 – P23	3 min	Statistics on impedances and programs of HiResolution users Filiep Vanpoucke, Carolin Frohne-Buechner, Rolf Dieter Battmer, Thomas Lenarz (Antwerp – Belgium; Hanover – Germany)
Z6 – P24	3 min	Spectral modulation detection in cochlear implant listeners Aniket Saoji, Anthony J Spahr, Leonid Litvak, Gulam Emadi, Kathryn Greenslade (Sylmar, Tempe – USA)
Z6 – O25	8 min	Evaluation of the CSPE strategy using the SPEAR3 research processor Erdenebat Dashtseren, Shigeyoshi Kitazawa, Satoshi Iwasaki (Shizuoka – Japan)
Z6 – O26	8 min	Combination of evoked compound action potential (ECAP) measurements: An investigation of possible application in speech processor fitting and optimal electrode placement during surgery Ralf Greisiger, Kjell Rasmussen, Ole Tvette, Arne Rødvik, Sten Harris (Oslo – Norway)



Lunch Buffet

**Guten Appetit
Bon Appétit**





Friday, 16.06.2006

Zeremoniensaal
12:55 - 13:55

Hear now. And always  **Cochlear™ Cochlear Lunch Symposium**

Moderator: Klaus Albegger (Salzburg – Austria)

Cochlear – L1 2 min	Welcome and Introduction Chris Roberts (Sydney - Australia)
Cochlear – L2 8 min	Insights into auditory nerve patho-physiology and stimulus rate preference: Multicentric study outcome with Nucleus® Freedom™ Angel Ramos (Las Palmas – Spain)
Cochlear – L3 8 min	A new coding strategy using a psycho-acoustic model Andreas Büchner (Hanover - Germany)
Cochlear – L4 8 min	Retrospective bilateral experience in Salzburg Klaus Albegger (Salzburg – Austria)
Cochlear – L5 8 min	Hearing preservation - initial results with a new research electrode Thomas Lenarz (Hanover – Germany)
Cochlear – L6 8 min	Challenges and opportunities of CI in China Demin Han (Beijing – China)
Cochlear – L7 8 min	A power driven stapes prosthesis Rudolf Häusler (Berne - Switzerland)
Cochlear – L8 9 min	Discussion
Cochlear – L9 1 min	Close Richard Brook (Basel – Switzerland)

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Friday, 16.06.2006

Zeremoniensaal

The Sound of Music (Z7)

14:00 – 16:00

Chair: Steffi Johanna Brockmeier, Kimitaka Kaga

Z7 – 01	8 min	Mu.S.I.C test battery - design and development Denis Fitzgerald, Heather Fitzgerald, Oliver Searle, Johanna Brockmeier (St. Asaph, Glasgow – UK; Munich – Germany)
Z7 – 02	8 min	Mu.S.I.C test battery - musical stimuli - a composer's perspective Oliver Searle, Johanna Brockmeier, Denis Fitzgerald, Heather Fitzgerald (Glasgow, St. Asaph – UK, Munich – Germany)
Z7 – 03	8 min	Mu.S.I.C. test battery - results for normal hearers Heather Fitzgerald, Denis Fitzgerald, Johanna Brockmeier, Oliver Searle (St. Asaph, Glasgow – UK, Munich – Germany)
Z7 – 04	8 min	Music perception of different CI users (unilateral, EAS, bimodal) and comparison to normal hearing subjects as assessed in the Mu.S.I.C. test Steffi Johanna Brockmeier, Katrien Vermiere, Mary Gradmeder, Silke Helbig, Artur Lorens, Oliver Searle, Martin Petereins, Jan Kiefer et al. (Multicenter – Germany, Belgium, UK)
Z7 – 05	8 min	Bilateral cochlear implantation and music perception Stefan Brill, Steffi Johanna Brockmeier, Joachim Müller, Rudolf Hagen (Würzburg, Munich – Germany)
Z7 – 06	8 min	What is the difference between speech and music perception with a CI? Jay Rubinstein, Grace Liu, Ward Drennan, Chad Ruffin, Robert Kang (Seattle – USA)
Z7 – 07	8 min	Discrimination of musical pitch by cochlear implant users Roland Mühler, Sabine Haumann, Michael Ziese, Hellmut von Specht (Magdeburg – Germany)
Z7 – 08	8 min	A new test: appreciation of music by cochlear implantees (AMICI) Jaclyn Spitzer, Dean Mancuso (New York – USA)
Z7 – 09	8 min	A model of music perception and enjoyment by CI recipients Kate Gfeller, John Knutson, Jacob Oleson, Carol Olszewski, Patrick Breheny (Iowa City – USA)
Z7 – P10	3 min	Pre-to-post cochlear implantation comparisons for music Valerie Looi, Hugh McDermott, Colette McKay, Louise Hickson (Melbourne, Brisbane – Australia; Aston – UK)
Z7 – P11	3 min	Music enjoyment following cochlear implantation Alejandro Castro, Luis Lassaletta, Marta Bastarrica, Rosa Pérez, Lorena Sanz, Belén Herrán, Maria Josefa Sarriá, Javier Gavilán (Madrid – Spain)





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Z7 – P12	3 min	Recognition of musical sounds among adult cochlear implant patients Hubert Ramos (Manila – Philippines)
Z7 – P13	3 min	Music benefits with HiRes 120 sound processing Lisa Buckler, Kristen Dawson, Kristin Lisbona, Sue Zimmerman-Phillips (Kansas City – USA)
Z7 – P14	3 min	Music perception with a cochlear implant: preliminary results of a multi-centric study Bernard Fraysse, Olivier Sterkers, Michel Mondain, Bruno Frachet, Jean-Pierre Bébéar, Julie Bestel, Daniel Pressnitzer, Patrick Boyle (Multicenter – France)
Z7 – P15	3 min	Music focus groups for adults with cochlear implants Geoff Plant (Innsbruck – Austria)
Z7 – O16	8 min	Effect of training on music perception by pediatric CI recipients Carol Olszewski, Kate Gfeller, Virginia Driscoll (Iowa City – USA)
Z7 – P17	3 min	The effect of kindergarten chants and music on fluency of prelingual cochlear implanted children Susan Abdi, Hassan Tavakoli, Masoud Naderpour (Teheran – Iran)
Z7 – P18	3 min	Music perception of children who use cochlear implants Catherine Sucher, Hugh McDermott, Karyn Galvin (Melbourne – Australia)
Z7 – O19	8 min	Music enjoyment by listeners with a cochlear implant: A teacher's perspective C Rocca (?)
Z7 – O20	8 min	Children with CI – Playing music instruments Gottfried Diller (Friedberg – Germany)



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Coffee Break





Friday, 16.06.2006

Zeremoniensaal

Complications in Cochlear Implantation (Z8) 16:30 – 18:00

Chair: Levent Sennaroglu, Keli Cao

Z8 – O1	8 min	Complications of cochlear implantation Caglar Batman, Murat Sari, Levent Olgun, Bekir Altay (Multicenter – Turkey)
Z8 – O2	8 min	Traumatic magnet displacement leading to complete magnet extrusion and healing of the extrusion site followed by unimpaired implant use in a 9 year old boy David P Morris, Alian Wael, Heather Maessen, Cathy Creaser, Stephanie Demmons – O'Brien, Rene Van Wijhe, Manohar Bance (Halifax – Canada)
Z8 – O3	8 min	The unspoken complication Neelam Vaid, Kalyani Mandke, Hemant Dabke (Pune – India)
Z8 – O4	8 min	Dislodged magnet from a cochlear implant: A new lasso technique Frederick K Kozak, Jon-Ivar Mickelson (Canada)
Z8 – O5	8 min	Facial nerve protection Hector Ruiz, Lorena Almirón, C Perez Grassano, Esteban Filas (Rosario – Argentina)
Z8 – O6	8 min	Management of CSF leakage from cochleostomy during cochlear implant surgery David Haynes, C Wootten, Douglas Backous (Nashville, Seattle – USA)
Z8 – O7	8 min	Saccular disorder after cochlear implant surgery Dietmar Basta, Ingo Todt, Arne Ernst (Berlin – Germany)
Z8 – O8	8 min	Cochlear implantation in vestibular aplasia Neelam Vaid, Sanjay Vaid, Kalyani Mandke, Hemant Dabke (Pune – India)
Z8 – O9	8 min	Natural integration of CI ceramic housing into the skull Milan Profant, Zuzana Kabatova (Bratislava – Slovak Republic)
Z8 – O10	8 min	Survey of prophylactic antibiotic use amongst UK implant surgeons Emma Barker, Mike Pringle (Southampton – UK)
Z8 – O11	8 min	Trainee program to educate surgical skills in cochlear implantation Dirk Mürbe, Matthias Bornitz, Karl-Bernd Hüttenbrink, Thomas Zahnert (Dresden, Cologne – Germany)
Z8 – P12	3 min	Abnormal site of a common cavity patient Kuljit Singh, Wolf-Dieter Baumgartner (Kuala Lumpur- Malaysia)





Friday, 16.06.2006

Prinz Eugen Saal

08:00 – 10:00

Cochlear Implantation in Malformed Ears (PE5)

Chair: Peter Roland, Manohar Bance

- | | | |
|------------------|-------|--|
| PE5 – 01 | 8 min | Cochlear Implantation in multi-handicapped children – an update over 171 children
Anke Lesinski-Schiedat, Sujata Grasshof, Andreas Büchner, Thomas Lenarz (Hanover – Germany) |
| PE5 – 02 | 8 min | Surgical results of cochlear implantation in malformed cochlea
Levent Sennaroglu, Sarp Sarac, Ergin Turan (Ankara – Turkey) |
| PE5 – 03 | 8 min | Cochlear implantation in children with inner ear malformations – audiological results
Christoph Arnoldner, Jafar Sasan Hamzavi, Wolfgang Gstöttner, Christian Czerny, Alexandra Jappel, Wolf Dieter Baumgartner (Vienna – Austria) |
| PE5 – 04 | 8 min | Evaluating Usher type 1 patients with cochlear implant: Quality of life, hearing and vision
Godelieve Damen, Ronald Pennings, Paul Krabbe, Emmanuel Mylanus (Nijmegen – Netherlands) |
| PE5 – 05 | 8 min | Facial canal anatomy in patients with microtia
Hideki Takegoshi, Kimitaka Kaga (Tokio – Japan) |
| PE5 – 06 | 8 min | Cochlear implantation in cases of cochlear dysplasia
Arlene O'Malley, Agnes Allen, J Croft, M Shanks (Kilmarnock – UK) |
| PE5 – 07 | 8 min | Children with additional disabilities and deafblindness, who have CI
Lill-Johanne Eilertsen, Anne Beate Borud, Sigurd Helgor (Norway) |
| PE5 – 08 | 8 min | Cochlear implantation in children with hypoplastic auditory nerves
Jane Bradley, John Graham, Tim Beale, Mary Bell (London – UK) |
| PE5 – 09 | 8 min | Auditory neuropathy / auditory dys-synchrony and cochlear implants: Clinical cases
Maria Cecília Bevilacqua, Ana Claudia de F Martinho, Koichi Sameshima, Orozimbo Alves Costa (Sao Paulo – Brazil) |
| PE5 – 010 | 8 min | Clinical implication of inner ear anomaly in cochlear implant
Joong Wook Shin, Hee-Nam Kim, Ho-Ki Lee (Seoul - Korea) |
| PE5 – 011 | 8 min | Surgical technique for the Nucleus double array cochlear implant in ossified cochleas
Arthur Castilho, Ricardo Bento, Rubens Brito Neto (Sao Paulo – Brazil) |





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PE5 – O12 8 min

Cochlear implants in children with autism spectrum disorder

Dayan Wardrop, Ailsa Stewart, Shani Dettman, Sandra Lettieri, Rod Hollow, Richard Dowell (Melbourne – Australia)

PE5 – O13 8 min

Cochlear implantation in multihandicapped children

Gürol Gültekin, Levent Olgun, Sezaver Alper, Gül Caner, Mehmet Z Özüer, Ylker Nalbant, Burcu Üçkan (Izmir – Turkey)

PE5 – O14 8 min

Pneumocephalus and surgical emphysema: An unusual complication of cochlear implantation

Manohar Bance, Abjulrahman Hag (Halifax – Canada)

PE5 – P15 3 min

Cochlear implant in children with common cavity deformity

Jamal Kassouma (Damascus – Syria)

PE 5 – P16 3 min

Morphological aspect of the transattical approach for cochlear implantation

Dragoslava Djerić (Belgrade – Serbia)



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Coffee Break





Friday, 16.06.2006

Prinz Eugen Saal

Audiological Outcome (PE6)

10:30 – 12:30

Chair: Jon Shallop, Michael Dorman

- | | | |
|------------------|-------|---|
| PE6 – O1 | 8 min | Applications of speech in noise testing using the BKB-SIN test for cochlear implant and hearing aid patients
Jon Shallop, Anna Mary Peterson, Jon Douglas (Rochester – USA) |
| PE6 – O2 | 8 min | Effects of cochlear implantation on gustatory function
Christian A Müller, Saher Khatib, Andreas FP Temmel, Wolf Dieter Baumgartner (Vienna – Austria) |
| PE6 – O3 | 8 min | Outcomes of the multi-centre objective measures study
Natacha Crozat-Teissier, Laure Arnold, Patrick Boyle, Thierry Van Den Abbeele (Paris – France) |
| PE6 – O4 | 8 min | Chronic results from a psychoacoustic model based strategy
Andreas Buechner, Waldo Nogueira, Bernd Edler, Thomas Lenarz (Hanover – Germany) |
| PE6 – P5 | 3 min | Long-term follow up of psychophysical parameters in cochlear implant users
Jozef G Kiss, Ferenc Tóth, Alice Szamosközi, Attila Torkos, Janos Jarabin, Jeno Czigner, József Jóri (Szeged – Hungary) |
| PE6 – P6 | 3 min | Loudness function in cochlear implantees
George Tavartkiladze, Alexander Kruglov, Lilia Potalova (Moscow – Russia) |
| PE6 – O7 | 8 min | Factors effecting speech perception in cochlear implanted adults
Arkadiusz Wąsowski, Artur Lorens, Anna Piotrowska, Henryk Skarżyński, A Szkielkowska (Kajetany – Poland) |
| PE6 – P8 | 3 min | Peripheral physio-anatomical factors influence CI outcomes
Charles Finley, Laura Holden, Tim Holden, Bruce Whiting, Margo Skinner (Chapel Hill, St. Louis – USA) |
| PE6 – O9 | 8 min | Prediction of outcomes for prelingually hearing impaired adults using cochlear implants
Jaime Leigh, Ennur Erbas, Richard Dowell, Sylvia Tari, Vikki Tselepis (Melbourne – Australia) |
| PE6 – P10 | 3 min | Over the fence cochlear implantation: is it worthwhile?
Geneviève Tremblay, François Bergeron, Pierre Ferron (Quebec – Canada) |
| PE6 – O11 | 8 min | Preliminary results on automatic cochlear implant fitting using interactive evolutionary algorithm
Esther Harboun Cohen, Vincent Péan, Pierre Collet, Claire Bourgeois République, Pierrick Legrand, Bertrand Philippon, Michel-Christian Ouayoun, Bruno Frachet (Multicenter – France) |





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PE6 – O12 8 min

Results of cochlear implantation with Digisonic SP CI system

Kazimierz Niemczyk, Lidia Mikolajewska, Krzysztof Morawski, Zuzanna Lukaszewicz, Agnieszka Wozniak, Malgorzata Kaczorowska, Katarzyna Bienkowska (Warsaw – Poland)

PE6 – O13 8 min

The effects of significant residual hearing on self satisfaction or self report of benefit in cochlear implanted adults

Malgorzata Zgoda, Juana Putkiewicz, Arkadiusz Wąsowski, Artur Lorens, Anna Piotrowska, Henryk Skarżyński (Kajetany – Poland)

PE6 – O14 8 min

Cochlear implantation in patients with significant residual hearing

Harold C Pillsbury, Carol Pillsbury, Emily Buss, Marcia S Clark, Robert Cullen, Craig A Buchman (Chapel Hill - USA)

PE6 – P15 3 min

Preservation of residual hearing in cochlear implantees – Pilot study

Neelam Vaid, Kalyani Mandke, Hemant Dabke (Pune – India)

PE6 – P16 3 min

A comparison of the acoustical and electrical stimulation on cochlear implanted patients

Mehmet Aksit, Asuman Erol, Ferda Akd (Istanbul – Turkey)

PE6 – P17 3 min

Cochlea implantation in high degree burning

Ingo Todt, Dietmar Basta, Rainer Seidl, Arne Ernst (Berlin – Germany)

PE6 – O18 8 min

Impact of cochlear implantation on subjective quality of life changes and correlation to audiometric data

Anke Hirschfelder, Stefan Gräbel, Heidi Olze (Berlin – Germany)

PE6 – O19 8 min

Cochlear implants in children: 10 years later

Alain S Uziel, Martine Sillon, Adrienne Vieu, Francoise Artieres, Jean-Pierre Piron, Michel Mondain (Montpellier - France)



Lunch Buffet

**Guten Appetit
Bon Appétit**





Friday, 16.06.2006

Prinz Eugen Room



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VIBRANT
MED-EL



Make Music with MED-EL

12:55 - 13:55

MED-EL – M1 30 min

The Mu.S.I.C. Test: Assessing music skills in a scientific way

Denis Fitzgerald, Heather Fitzgerald, Hanna Brockmeier, Oliver Searle (United Kingdom, Germany)

MED-EL – M2 30 min

Music Notes: Working with music for adults

Geoff Plant (USA)



VIBRANT
MED-EL



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MED-EL





Friday, 16.06.2006

Prinz Eugen Saal

Electric Acoustic Stimulation (PE7)

14:00 – 16:00

Chair: Henryk Skarzynski, Christoph von Ilberg

- | | | |
|------------------|-------|--|
| PE7 – O1 | 8 min | Results from a multi-centre EAS clinical investigation
Wolfgang Gstöttner, Paul Van de Heyning, Alec Fitzgerald O'Connor, Constantino Morera, Manuel Sainz (Multicenter – Germany, Belgium, UK, Spain) |
| PE7 – O2 | 8 min | Results of partial deafness cochlear implantation (PDCI) study
Henryk Skarżyński, Artur Lorens, Anna Piotrowska (Kajetany – Poland) |
| PE7 – O3 | 8 min | Retention / improvement of residual hearing after EAS cochlear implant surgery
Alec F Fitzgerald O'Connor, Sonelle McDonald (London – UK) |
| PE7 – O4 | 8 min | Residual hearing and electro-acoustic stimulation with Nucleus 24 CA
Bernard Fraysse, Olivier Deguine, Chris James, Ángel Ramos, Sandro Burdo, Richard Ramsden, Deborah Mawman (Multicenter – France, Spain, Italy, UK) |
| PE7 – P5 | 3 min | Clinical, surgical and histopathological results from Vienna electro acoustic surgeries
Wolf Dieter Baumgartner, Alexandra Jappel, Klemens Frei, Reinhard Ramsebner, Karl Großschmidt, Maria Lautischer, Sonja Reiß (Vienna – Austria) |
| PE7 – P6 | 3 min | First case of bilateral electro acoustic stimulation
Nicola Maier, Silke Helbig, Andreas Radeloff, Marc Unkelbach, Wolfgang Gstöttner (Frankfurt – Germany) |
| PE7 – O7 | 8 min | Electrophysiological and histological evaluation of the cochlear apical region in guinea pig after cochlear implantation: the viability of hearing preservation
Arthur Castilho, Ricardo Bento (Sao Paulo – Brazil) |
| PE7 – P8 | 3 min | Blood admixture to the scala tympani has detrimental effects on hearing thresholds
Andreas Radeloff, Marc Unkelbach, Oliver Adunka, Jochen Tillein, Rainer Hartmann, Silke Helbig, Wolfgang Gstöttner (Frankfurt – Germany) |
| PE7 – O9 | 8 min | Treatment options for patients with residual low-frequency hearing
Michael Dorman, Rene Gifford, Anthony Spahr, Sid Bacon (Tempe - USA) |
| PE7 – O10 | 8 min | Combined electric and acoustic stimulation of the ipsilateral cochlear
René Gifford, Michael Dorman, Anthony Spahr, Sid Bacon, Charles Luetje, Kristen Dawson (Tempe – USA) |
| PE7 – O11 | 8 min | Stability of hearing preservation after partial deafness cochlear implantation (PDCI)
Anna Piotrowska, Henryk Skarżyński, Artur Lorens (Kajetany – Poland) |





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PE7 – P12	3 min	Bimodal hearing in electric acoustic stimulation Katrien Vermeire, Ilona Anderson, Paul Van de Heyning (Antwerp – Belgium)
PE7 – P13	3 min	Listening quality in EAS individuals Ilona Anderson, Marc Unkelbach, Katrien Vermeire, Sonelle McDonald, Laura Cavalle (Multicenter – Austria, Germany, Belgium, UK, Spain)
PE7 – O14	8 min	Acoustic plus electric speech processing: preliminary results of a multicenter clinical trial of the Iowa/Nucleus Hybrid implant Bruce J Gantz, Christoph Turner, Kate E Gfeller (Iowa City – USA)
PE7 – O15	8 min	Features of a combined EAS device and their effectiveness in EAS users Marcus Schmidt, Marek Polak (Innsbruck – Austria)
PE7 – P16	3 min	The influence of different speech processor and hearing aid settings on speech perception outcomes in EAS patients Katrien Vermeire, Ilona Anderson, Mark Flynn, Paul Van de Heyning (Multicenter – Belgium, Austria, Denmark)
PE7 – O17	8 min	Preliminary results with the new DUET® in EAS users Silke Helbig, Marc Unkelbach, Nicola Maier, Lucas Lehning, Marcus Schmidt, Andreas Radeloff, Wolfgang Gstöttner (Frankfurt – Germany)
PE7 – O18	8 min	Preservation of residual hearing with a new straight electrode Thomas Lenarz, Rolf-Dieter Battmer, Andreas Buechner, Joerg Pesch, Anke Lesinski-Schiedat, Robert Briggs, Kerrie Plant (Hanover – Germany; Melbourne – Australia)
PE7 – O19	8 min	Acoustic-electric stimulation with the Nucleus Freedom system Hugh McDermott, Andrea Simpson, Catherine Sucher (Melbourne – Australia)
PE7 – O20	8 min	Preliminary results with Nucleus Hybrid cochlear implant Michael Jackson, William Shapiro, Susan Waltzman (New York – USA)
PE7 – O21	8 min	Interference with cochlear mechanics as a postulated mechanism for systematic loss of residual hearing following cochlear implantation Andrzej Zarowski, Erwin Offeciers, Thomas Somers, Stefaan Peeters (Antwerp – Belgium)
PE7 – P22	3 min	Influence of Electric and Acoustical Fitting Parameters in EAS Marek Polak, Marcus Schmidt, Marc Unkelbach, Wolfgang Gstöttner (Innsbruck – Austria; Frankfurt – Germany)



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Coffee Break





Friday, 16.06.2006

Prinz Eugen Saal

16:30 – 18:00

Cochlear Implantation In Very Young Children (PE8)

Chair: Richard Miyamoto, Arthur Castilho

- | | | |
|------------------|-------|--|
| PE8 – 01 | 8 min | Cochlear implantation in infants
Richard T Miyamoto, Derek Houston, Tonya Bergeson-Dana (Indianapolis – USA) |
| PE8 – 02 | 8 min | Surgical procedure for small children at Karolinska University Hospital / Huddinge, Stockholm
Anders Freijd (Huddinge – Sweden) |
| PE8 – 03 | 8 min | Surgical and general aspects of cochlear implantation in very young children under the age of 12 months
Joachim Müller, Stefan Brill, Wafaa Shehata-Dieler, Birgit May-Mederake, Herbert Kuhnigk, Jan Helms, Rudolf Hagen (Würzburg – Germany) |
| PE8 – 04 | 8 min | Surgical procedure of cochlear implantation in small children
Henryk Skarżyński, Maciej Mrówka, Paulina Młotkowska-Klimek, R Podskarbi, Anna Piotrowska (Kajetany – Poland) |
| PE8 – 05 | 8 min | Details in cochlear implantation: fixation of receiver housing and electrode carrier in very young children
Gerald Baier, Joachim Müller, Franz Schön, Jan Helms (Würzburg – Germany) |
| PE8 – 06 | 8 min | Cochlear implants for infants under 12 months
Shani Dettman, Jaime Leigh, Richard Dowel, Darren Pinder, Robert Briggs (Melbourne – Australia; Oxford – UK) |
| PE8 – 07 | 8 min | Outcomes in children fitted with cochlear implant between age 3 and 12 months
Lilliana Colletti, Marco Carner, Vittorio Colletti (Verona – Italy) |
| PE8 – 08 | 8 min | Medical aspects of cochlear implantation under the age of 2 years
Lela Migirov, Jona Kronenberg (Tel Aviv- Israel) |
| PE8 – 09 | 8 min | Early cochlear implantation comparison with a group of later implantation
Christophe Vincent, Isabelle Ruzza, Francoise Michel Vaneecloo, Emilien Radafy, Philippe Bordure, Laurent Coffinet, Bettina Verient-Montaut, John Economides et al. (Multicenter – France, Greece) |
| PE8 – P10 | 3 min | A prescreening method to detect CI candidates in infancy
Zsolt Farkas, György Várallyay Jr, Gábor Katona, Zoltán Benyó, András Illényi, Monika Sultész (Budapest – Hungary) |
| PE8 – P11 | 3 min | Validity of universal newborn hearing screening
Milan Profant, Zuzana Kabatova, Oliver Profant, Marian Groma (Bratislava – Slovak Republic) |





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PE8 – P12 3 min

Hypoacusia early detection program in Rosario, Argentina

Hector Ruiz, Adriana Queirolo, Gabriela Dotto, Esteban Filas (Rosario – Argentina)

PE8 – P13 3 min

**High risk indicators for hearing loss in neurosensorial
hypoacusia in Rosario, Argentina**

Hector Ruiz, Adriana Queirolo, Gabriela Dotto, Esteban Filas (Rosario – Argentina)

Friday, 16.06.2006

Gartensaal

***Experiences in Cochlear Implantation (G5)* 08:00 – 10:00**

Chair: Susan Abdi, Stefan Brill

G5 – 01 8 min

Pediatric speech recognition at one year post implantation

Karen C Johnson, Leslie Visser-Dumont, Laurie S Eisenberg, Alexandra L Quittner, Emily A Tobey, Nancy E Fink, Nae-Yu Wang, John K Niparko (Multicenter – USA)

G5 – 02 8 min

Outcome of cochlear implantation in paediatric patients

Alper Sezaver, Levent Olgun, Gürol Gültekin, Murat Koç (Izmir – Turkey)

G5 – 03 8 min

**Auditory neuropathy: Clinical picture and auditory test results as
a new syndrome**

Susan Abdi (Teheran – Iran)

G5 – 04 8 min

Intelligibility in hearing aid and cochlear implant users

Jonathan Ting, Steven B Chin, Rong Amy Qi, Sujuan Gao, Richard T Miyamoto (Indianapolis – USA)

G5 – 05 8 min

**Clinical and surgical correlates of auditory and language
outcomes in the multicenter CDaCI study**

Howard Francis, Laurie Eisenberg, Alexandra Quittner, Nancy Fink, Emily Tobey, Nae Yuh Wang, John Niparko (Multicenter – USA)

G5 – 06 8 min

**Predicting performance based on traditional preoperative
testing: Results of the US Med El bilateral cochlear implant trial**

David Haynes, S Amberg, RF Labadie, Craig A Buchman, Amy Barco, L Hood, Harold Pillsbury (Chaple Hill – USA)

G5 – 07 8 min

**Cochlear implantation in children: insights from 15 years of
experience**

Maria Huber, Wolfgang Hitzl, Klaus Albegger (Salzburg – Austria)

G5 – 08 8 min

**The domain of hearing threshold in cochlear implanted
prelingually children**

Susan Abdi, Hassan Tavakoli, Masoud Naderpour (Teheran – Iran)





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G5 – P9	3 min	Blink reflex and auditory speech perception in prelingually cochlear implanted children Hessamaldin Emamdjomeh, Mohammad Farhadi, Saeid Hassanzadeh, Ahmad Daneshi (Theran – Iran)
G5 – P10	3 min	Babbling after implantation between 5 and 20 months Paul J Govaerts, Karen Schauwers, Kristin Daemers, Geert De Ceulaer, Carina De Beukelaer, Marjan Yperman, Steven Gillis (Antwerp – Belgium)
G5 – O11	8 min	An investigation into cochlear implant use in a paediatric population Catherine Totten, Jane Martin, Christopher Raine (Bradford – UK)
G5 – P12	3 min	Production of Mandarin tone by children with normal hearing Geoff Plant (Innsbruck – Austria)
G5 – O13	8 min	Age at CI and performance in prelingually deaf children Norma Pallares, Vicente Diamante, Elisa Giraudo, M Laura López (Buenos Aires – Argentina)
G5 – O14	8 min	Literacy outcomes after cochlear implantation in childhood Janet Olds, Elizabeth Fitzpatrick, Kelley Rabjohn, Robin Gaines, Andree Durieux-Smith, David Schramm (Ottawa – Canada)
G5 – P15	3 min	Perception of familiar melodies by Taiwanese pediatric cochlear implant recipients who speak a tonal language Fei-Lin Hsiao, Kate Gfeller, Carol Olszewski, Tsun-Sheng Huang, Huei-Chen Hsu (Iowa City – USA; Taipei – Taiwan)
G5 – P16	3 min	Outcomes among three siblings implanted below 3 years of age Karla A Balko, Hilary Szymanski, Jaye Berghauer, Dione Langley, Christine Runge-Samuelson, P Ashley Wackym (Milwaukee – USA)
G5 – P17	3 min	Cochlear implants in children from bilingual and monolingual homes Hussam K El-Kashlan, Ellen S Thomas, Terry Zwolan (Ann Arbor - USA)
G5 – P18	3 min	Children with cochlear implants in conversation with normally hearing peers Tina Ibertsson, Kristina Hansson, Birgitta Sahlén (Lund – Sweden)
G5 – O19	8 min	Experiences of the southern cochlear implant program Neil Heslop (Christchurch – New Zealand)



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Coffee Break





Friday, 16.06.2006

Gartensaal

10:30 - 12:30

Audiological Outcome of Bilateral Cochlear Implantation (G6)

Chair: Jill Firszt, Erwin Offeciers

G6 – 01	8 min	Adult bilateral cochlear implant outcomes Christy E Powell, Peter S Roland, Angela G Shoup (Dallas – USA)
G6 – 02	8 min	Bilateral implantation in adults: results from 20 cases Jean-Pierre Bébéar, Sylvie Lautissier, Bernadette Carbonnière, Géraldine Coriat, Max Beraha, Jacques Martel, René Dauman (Bordeaux – France)
G6 – 03	8 min	Review of clinical outcomes in adult bilateral cochlear implant recipients following 3 years of implantation Marcia S Clark, Emily Buss, Subinoy Das, Harold C Pillsbury, Carol Pillsbury, Craig A Buchman (Chapel Hill – USA)
G6 – 04	8 min	Sound localisation for children with bilateral cochlear implants Eva Kindlundh, Marja Vainio, Martin Eklöf, Filip Asp, Gunnar Eskilsson, Eva Karltorp (Huddinge – Sweden)
G6 – 05	8 min	Simultaneous bilateral implantation in adults: is the expected ear always the better ear? Joseph B Roberson Jr, Michelle M Inserra, Lisa Tonokawa, Larisa D Kunda (East Palo Alto – USA)
G6 – 06	8 min	Sequential bilateral implantation in children: effect of timing between implants and hearing aid Joseph B Roberson Jr, Michelle M Inserra, Lisa Tonokawa, Larisa D Kunda (East Palo Alto – USA)
G6 – 07	8 min	Longitudinal audiological follow up of children with bilateral cochlear implants Erwin Offeciers, Leen Theuwis, Andrzej Zarowski, Isabelle Schatteman, Margriet Verstrecken, Thomas Somers (Antwerp – Belgium)
G6 – P8	3 min	Clinical outcomes in adult bilateral cochlear implantation Monica Lee, Eva M Bero, Sarah F Poissant, Daniel J Lee (Worcester – USA)
G6 – P9	3 min	Spatial hearing performance of bilateral implanted children Norberto Martinez (Manila – Philippines)
G6 – P10	3 min	Auditory localisation with bilateral Med-el Combi-40+ cochlear implant users Carl Verschuur, Mark Lutman (Southampton – UK)





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G6 – P11	3 min	Bilateral cochlear implantation in comparatively long surgical interval Lisheng Yu, Ruiming Xia, Xihong Wu, Zigang Jang, Yuanyuan Jing, Yunjuan Lin (Beijing – China)
G6 – P12	3 min	Long term evaluation of sequential bilateral cochlear implantation Claire Fielden, Rachel Lowther (Birmingham - UK)
G6 – P13	3 min	A case study of a bilateral sequentially implanted Meniere's patient Melissa Burnham, Jennifer Kolb (London – UK)
G6 – O14	8 min	Speech performances in bilateral adult users of Med-el cochlear implants Isabelle Mosnier, Jean-Pierre Bebear, Benoit Godey, Bernard Fraysse, Alain Robier, Philippe Bordure, Michel Mondain, Olivier Deguine (Multicenter – France)
G6 – P15	3 min	Bilateral cochlear implantation – A case in need for meningitic patients David Strachan, Christopher Raine, Catherine Totten, Jane Martin, Salim Khan (Bradford – UK)
G6 – P16	3 min	Development after bilateral implantation: Special cases Klaus Berger, Parwis Mirsalim, Silvia Zichner (Berlin – Germany)
G6 – O17	8 min	Bilateral cochlear implantation in deaf-blind users Francois Bergeron, Catherine Champagne, Pierre Ferron (Quebec – Canada)
G6 – O18	8 min	Analysis of the “software” - fitting parameters at bilaterally implanted CI users Armin Bernhard, Peter Nopp (Aachen – Germany; Innsbruck – Austria)
G6 – P19	3 min	Binaural perception with the Digisonic SP Binaural Eric Truy, Cyprien Butnaru, Stephane Gallego, Bertrand Philippon, David Veran, Lionel Collet (Lyon, Vallauris – France)
G6 – O20	8 min	Bilateral HiRes 90K benefit: U.S. multicenter study Dawn Burton Koch, Mark Downing, Gulam Emadi, Mary Joe Osberger (Sylmar – USA)



Lunch Buffet





Friday, 16.06.2006

Gartensaal

Neural Response Measurements (G7)

14:00 – 16:00

Chair: Norbert Dillier, Angel Ramos

G7 – O1	8 min	Changes in t-NRT over time Ricky Kaplan-Neeman, Ziva Yakir, Fanny Bloch, Yael Henkin, Lela Migirov, Jona Kronenberg, Minka Hildesheimer, Chava Muchnik (Tel Aviv – Israel)
G7 – O2	8 min	Correlation of NRT / map-mismatch and speech understanding Matthias Stecker, Roland Laszig (Freiburg – Germany)
G7 – O3	8 min	AutoNRT in implanting the severely malformed cochlea Katrina R Stidham, Danielle Knowlton, Lisa Tonokawa, Joseph B Roberson (East Palo Alto – USA)
G7 – P4	3 min	Surgeon performed Auto-NRT: an aid to cochlear implant mapping Joseph B Roberson Jr, Lisa Tonokawa– Marcacci, Michelle Inserra, Larisa Kunda, Rebecca Highlander, Katrina Stidham (East Palo Alto – USA)
G7 – P5	3 min	Speech processor fitting in very young children using Nucleus NRT based maps Rolf D Battmer, Bodo Bertram, Wolfgang Kanert, Sabine von der Haar-Heise, Friederike Junge, Joerg Pesch, Thomas Lenarz (Hanover – Germany)
G7 – P6	3 min	Correlations of speech recognition scores with NRT measurements Alicia Huarte, Laura Cavallé, Elisabeth Estrada, Gabriela Meco, Chrystelle Coudert-Koall, Manuel Manrique, Constantino Morera, Luis Garcia-Ibañez et al. (Multicenter – Spain)
G7 – P7	3 min	Intra-operative TECAP measurement using AutoNRT Joachim Müller-Deile, André Morsnowski (Kiel – Germany)
G7 – P8	3 min	AutoNRT intraoperative measurements for CI fitting: Preliminary results Constantino Morera-Ballester, Laura Cavalle, Constantino Morera (Valencia – Spain)
G7 – P9	3 min	Electrode impedance in children using the Nucleus 24 CI Norma Pallares, Karina Fanelli, Elisa Giraudo, Vicente Diamante (Buenos Aires – Argentina)
G7 – P10	3 min	The effect of simultaneous pulses on vowel perception Colette McKay (Birmingham – UK)
G7 – P11	3 min	Conditioning effects of high-level sweeps on intra-operatively measured ECAP Ulrich Hoppe, Frank Digeser (Erlangen – Germany)





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G7 – O12	8 min	<p>Can ECAP measures predict preference for ACE stimulation rates? Rolf-Dieter Battmer, Thomas Lenarz, Ernst von Wallenberg, Matthijs Killian, Joerg Pesch, Benno Weber, Waikong Lai, Norbert Dillier (Multicenter – Germany, Switzerland, Belgium)</p>
G7 – P13	3 min	<p>Relationship between Auto NRT, ESRT and behavioural T &C levels with the Nucleus Freedom cochlear implant – preliminary results Talma Shpak, Mira Berlin, Michal Luntz (Haifa – Israel)</p>
G7 – P14	3 min	<p>ECAP threshold estimation with AutoNRT of the Nucleus Freedom system Thomas Wesarg, Matthias Stecker, Antje Aschendorff, Thomas Klenzner, Roland Laszig (Freiburg – Germany)</p>
G7 – P15	3 min	<p>Determination of perceptual channels created by current steering Manuela Mazzoli, Mariella De Benedittis, Cristina Giacomelli, Gregorio Babighian (Padova – Italy)</p>
G7 – P16	3 min	<p>Sinusoidal analysis of audio for current steering strategies in cochlear implants Waldo Nogueira, Bernd Edler, Carolin Frohne-Büchner, Martina Brendel, Andreas Büchner (Hanover – Germany)</p>
G7 – O17	8 min	<p>Do users benefit from intermediate channels created by current steering? Andreas Buechner, Martina Brendel, Carolin Frohne-Büchner, Beate Krueger, Timo Stoever, Thomas Lenarz (Hanover – Germany)</p>
G7 – P18	3 min	<p>Effect of increased IIR in the Nucleus Freedom CI system Laura Holden, Margo Skinner (St. Louis – USA)</p>
G7 – P19	3 min	<p>Determination of perceptual channels Gül Caner, Laure Arnold, Levent Olgun, Gürol Gültekin (Izmir – Turkey)</p>
G7 – O20	8 min	<p>Within subject study of perceptual channels and HiRes 120 Jill B Firszt, Laura K Holden, Ruth M Reeder, Margaret W Skinner (St. Louis – USA)</p>
G7 – P21	3 min	<p>Asymmetric pulses in cochlear implant stimulation: what polarity should we use? Olivier Macherey, Astrid van Wieringen, Robert P Carlyon, John M Deeks, Jan Wouters (Leuven – Belgium; Cambridge – UK)</p>
G7 – P22	3 min	<p>Artefact reduction in neural response imaging via a triphasic stimulation signal Lutz Gärtner, Carolin Frohne-Büchner, Martina Brendel, Andreas Büchner, Rolf-Dieter Battmer, Thomas Lenarz (Hanover – Germany)</p>
G7 – P23	3 min	<p>Intracochlear current spread in subjects with and without positioner Rolf-Dieter Battmer, Ilka Sproegel, Carolin Frohne-Buechner, Andreas Buechner, Thomas Lenarz (Hanover – Germany)</p>





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G7 – P24	3 min	Preliminary evaluation of phase-lock coding for cochlear implants Pim van Dijk, Els Gelders, Peter Bracke, Wiebe Horst (Multicenter – Netherlands, Belgium)
G7 – O25	8 min	Banded neural response imaging using HI-Res sound processing William Shapiro, Anne Kalberer, Susan Waltzman (New York – USA)
G7 – P26	3 min	Loudness of partially-tripolar stimulation: model and data Leonid Litvak, Anthony J Spahr, Gulam Emadi, Michael Dorman (Tempe – USA)
G7 – P27	3 min	Current steering: New model insights Jeroen J Briare, Randy R Kalkman, Johan HM Frijns (Leiden – Netherlands)
G7 – P28	3 min	Perceptual dimensions of current steered electrodes Filiep Vanpoucke, Jeroen Briare, Patrick Boyle, Johan Frijns (Antwerp – Belgium; Leiden – Netherlands)
G7 – P29	3 min	ASSR thresholds pre and post cochlear implant surgery Mohammad Al-Masri, Lina Abu Kader, Mohammad Tawalbeh, Arnold Noyek, Catherine Chalin, Ian Clark (Amman-Jordan; Toronto-Canada)



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Coffee Break





Friday, 16.06.2006

Gartensaal

Bone Anchored Hearing Aids (G8)

16:30 – 18:00

Chair: Anders Tjellström, Andrew Reid

G8 – 01	8 min	Results with self-tapping implants for BAHA Anders Tjellström (Göteborg – Sweden)
G8 – 02	8 min	Skull vibration measurements with the BAHA Manohar Bance, Osama Majdalawiehr, Rene van Wijhe (Halifax – Canada)
G8 – 03	8 min	Do pre-implant BAHA sound field thresholds predict post-implant thresholds? Wael Alian, Abdul-rahman Hagr, Mark Gulliver, David P Morris, Manohar Bance (Halifax – Canada)
G8 – 04	8 min	The BAHA applied in subjects with unilateral conductive hearing loss Emmanuel Mylanus, Ad Snik, Myrthe Hol, Cor Cremers (Nijmegen – Netherlands)
G8 – 05	8 min	Predictive factors improving the benefit of BAHA application in patients with single sided deafness Nadia Verstraeten, Andrzej Zarowski, Daphna Riff, Sofie Furniere, Isabelle Schatteman, Margriet Versteken, Thomas Somers, Erwin Offeciers (Antwerp – Belgium)
G8 – 06	8 min	Frequency of skin necroses after BAHA surgery Anders Tjellström (Göteborg – Sweden)
G8 – 07	8 min	Loss of vibration amplitude across the BAHA snap coupling Manohar Bance, Osama Majdalawiehr, Rene van Wijhe (Halifax – Canada)
G8 – 08	8 min	A comparative analysis of office versus operation room insertion of the BAHA Peter J Catalano (Berlington - USA)
G8 – 09	8 min	The Bradford BAHA programme – impact of the multidisciplinary team Christopher H Raine, Paul Goodyear (Bradford – UK)

Round Table BAHA

Moderator:	Anders Tjellström	(Göteborg – Sweden)
Panelists:	Andrew Reid	(Birmingham – UK)
	Emmanuel Mylanus	(Nijmegen – Netherlands)
	Christopher Raine	(Bradford – UK)
	Manohar Bance	(Halifax – Canada)
	Thomas Somers	(Antwerp – Belgium)
	Jack Wazen	(New York – USA)





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20:00



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Gala Buffet at the City Hall of Vienna

Gala Buffet with dancing music (Ambassade Sextett Wien)



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End

23:45





Saturday, 17.06.2006

Festsaal

Otoprotection (F9)

08:00 – 10:00

Chair: Thomas van de Water, Jan Kiefer

Introduction:

Thomas R Van de Water (Miami – USA)

- | | | |
|----------------|--------|--|
| F9 – O1 | 10 min | Trauma initiated cell death in the cochlea
Philippe Lefebvre, François Lallemend, Brigitte Malgrange (Liege – Belgium) |
| F9 – O2 | 10 min | A model of implantation trauma: gene chip analysis
Hinrich Staecker (Kansas City – USA) |
| F9 – O3 | 8 min | The role of inflammation and inflammatory mediators in post implantation hearing loss
Hinrich Staecker (Kansas City – USA) |
| F9 – O4 | 10 min | Protection against trauma-induced hearing loss by an inhibitor of the MAPK/JNK cell death signal cascade
Adrien Eshraghi, Jiao He, Eelam Adil, Marek Polak, Reid Graves, Brian Gibson, Thomas J Balkany et al. (Miami – USA) |
| F9 – O5 | 10 min | Protection against hearing loss by growth factor and antioxidant therapy
Josef M Miller, Colleen LePrell, Daisuke Yamashita, Mats Ulfendahl, Richard A Altschuler (Ann Arbor – USA; Tokio – Japan; Stockholm – Sweden) |
| F9 – O6 | 10 min | Auditory neurons: restorative therapy
Helge Rask-Andersen (Uppsala – Sweden) |
| F9 – O7 | 8 min | Regeneration of the human auditory nerve - a study using video microscopy and SEM of in vitro regenerated auditory nerve growth cones
Malin Anderson, Marja Boström, Kristian Pfaller, Rudolf Glueckert, Annelies Schrott-Fischer, Helge Rask-Andersen (Uppsala – Sweden; Innsbruck – Austria) |
| F9 – O8 | 8 min | Hearing preservation with steroids in cochlea implanted guinea pigs
Susanne Braun, Qing Ye, Jan Kiefer, Wolfgang Gstöttner, Jochen Tillein (Frankfurt – Germany) |
| F9 – O9 | 10 min | Trauma-induced hearing loss, corticosteroids: otoprotection
Thomas R Van De Water, Adrien A Eshraghi, Eelam Adil, Korey Jaben, Reid Garvey, Jiao He, Thomas Balkany (Miami – USA) |





Round Table Otoprotection:

Moderator: Thomas Van de Water (Miami - USA)

Panelists: Thomas Balkany (Miami – USA)
Adrien Eshraghi (Miami - USA)
Phillipe Lefebvre (Liege - Belgium)
Josef Miller (Ann Arbor – USA)
Helge Rask-Andresen (Uppsala - Sweden)
Hinrich Staecker (Kansas City– USA)



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MED-EL Coffee Break

Saturday, 17.06.2006

Festsaal

Electric Acoustic Stimulation (F10)

10:30 - 12:30

Round Table EAS:

Moderator: Wolfgang Gstöttner (Frankfurt – Germany)

Panelists: Blake Wilson (RTI – USA)
Artur Lorens (Kajetany – Poland)
Jan Kiefer (Munich – Germany)
Bruce Gantz (Iowa City – USA)
Bernard Fraysse (Toulouse – France)
Wolf-Dieter Baumgartner (Vienna – Austria)

Saturday, 17.06.2006

Festsaal

Closing Ceremony

12:30 - 12:45





Saturday, 17.06.2006

Zeremoniensaal

Education (Z9)

08:00 – 10:00

Chair: Emilie Tobey, Levent Olgun

Z9 – O1	8 min	STEPS: From hearing to talking – a package for families and professionals Sue Archbold, Gill Datta (Nottingham – UK)
Z9 – O2	8 min	Language skills of school-aged children with cochlear implants Marcia Hay-McCutcheon, David Pisoni, Karen Iler Kirk, Richard Miyamoto (Indianapolis – USA)
Z9 – O3	8 min	Language competence - Bilingualism children with cochlear implants Gottfried Diller (Friedberg – Germany)
Z9 – P4	3 min	Verbal and non verbal communication strategies of an implanted child with his hearing twin and parents Angela Musacchio, Maria Nicastrì, Roberto Filipo (Rome – Italy)
Z9 – O5	8 min	Socialisation of CI children over the past 10 years – expectation reached? Markus Lesinski, Thomas Lenarz, Anke Lesinski-Schiedat (Hanover – Germany)
Z9 – O6	8 min	Non-word discrimination skills in deaf infants David L Horn, Derek M Houston, Richard T Miyamoto (Indianapolis – USA)
Z9 – O7	8 min	Listening, phonological awareness and speaking skills of CI users Linda Spencer (Iowa City – USA)
Z9 – O8	8 min	Educational follow up of 24 children with cochlear implants Ann Elise Kristoffersen, Oddvar Hjulstad (Oslo – Norway)
Z9 – O9	8 min	Educational development of implanted children in Latin America Carolina Abdala-Felisari, Lilian Flores-Beltrán (Mexico City – Mexico)
Z9 – O10	8 min	Speech identification in Spanish-speaking children with cochlear implant Leonor Aronson, Santiago L Arauz, Patricia A Estienne, Carina Graciano, Ana M Scaglia (Buenos Aires – Argentina)
Z9 – P11	3 min	Cochlear implants and english as a second language: outcomes Christopher J Linstrom, Janet R Schoepflin, Carol A Silverman, Nancy S Gilston (New York – USA)
Z9 – O12	8 min	Cochlear implants and FM: Technology and educational considerations Johnnie E Sexton (Eriksholm – Denmark)





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- | | | |
|-----------------|-------|---|
| Z9 – O13 | 8 min | Verifying FM benefit in children with cochlear implants
Mary Beth Brinson (London – UK) |
| Z9 – O14 | 8 min | A model for providing outreach services to early intervention specialists
Terry Zwolan, Donna Sorkin, Anita Vereb (Ann Arbor – USA) |
| Z9 – P15 | 3 min | Validation of LittleEars questionnaire for Serbian language in normal hearing children under age of two
Branka Mikic, Nenad Arsovic, Sanja Ostojic, Danica Miric (Belgrade – Serbia and Montenegro) |
| Z9 – P16 | 3 min | The use of peabody picture vocabulary test - Croatian with deaf students
Lidija Andrijevic (Zagreb – Croatia) |
| Z9 – P17 | 3 min | Mainstreaming of bilingual CI children in a developing country
Rebecca Santos (Manila – Philippines) |
| Z9 – O18 | 8 min | Nottingham early assessment package: expectations of progress in young implanted children
Sue Archbold (Nottingham – UK) |



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MED-EL Coffee Break





Saturday, 17.06.2006

Zeremoniensaal

10:30 – 12:30

Worldwide Experiences in Cochlear Implants (Z10)

Chair: Milan Profant, Ahmed Handoussa

Z10 – O1	8 min	History and development of cochlear implant Sreeshyla Basavaraj, Girish Boggaram (St. Helen's – UK)
Z10 – O2	8 min	Why don't all patients receive cochlear implants? Sylvia Tari, Mai Nguyen, Richard Dowell (Melbourne – Australia)
Z10 – P3	3 min	Expanding selection criteria study Rachel Lowther, Wanda Aleksy, Susan White, Paula Greenham, Mary Bell (Multicenter – UK)
Z10 – O4	8 min	Cochlear implantation – is younger better? An overview of the evidence Monika Lehnhardt (Basel – Switzerland)
Z10 – O5	8 min	Prospective benefits of deep electrode insertion for children with CI Claude Jolly, Joachim Mueller (Innsbruck – Austria; Würzburg – Germany)
Z10 – P6	3 min	Prevention versus intervention: Early interaction and small talk Clare Sheridan, Suzanne Harrigan, Kate Hanvey (Multicenter – UK)
Z10 – P7	3 min	Case study of a patient with a partial insertion of the Med El Pulsar CI100 Standard electrode array Amanda Scott, Colleen Polite, Lawrence Lustig (San Francisco – USA)
Z10 – P8	3 min	Cochlear implantation in severe traumatic brain injured patient Yong-Bum Cho, Hyong-Ho Cho, Chul-Ho Jang, Min-Kyung Song (Gwangju – Korea)
Z10 – P9	3 min	Curious about sound after years of silence Lynne Tapper (Bradford – UK)
Z10 – P10	3 min	Newborn hearing screening in Belgrade Snežana Babac, Dragoslava Đeric, Zoran Ivankovic, Biljana Prokic (Belgrade – Serbia and Montenegro)
Z10 – P11	3 min	From NHS to CI - dilemmas and pitfalls Sanja Spiric, Predrag Spiric, Dalibor Vranjes (Banja Luka – Republic of Srpska, Bosnia and Herzegovina)
Z10 – O12	8 min	10 years cochlear implantation in Croatia Robert Trotic, Boris Pegan, Branco Kekic, Mihael Ries, Petar Drvis, Jakov Ajduk (Zagreb – Croatia)
Z10 – O13	8 min	Development of cochlear implantation in Lithuania Egle Gradauskiene (Kaunas – Lithuania)





**9th INTERNATIONAL CONFERENCE ON COCHLEAR IMPLANTS
AND RELATED SCIENCES**

14.06 – 17.06.2006

**Hofburg Congress Center
Vienna, Austria**

Z10 – O14	8 min	Cochlear implant in ENT Department Timisoara Stan Cotulbea, Horatiu Stefanescu, Stelian Lupescu, Alin Horia Marin, Caius Doros, Virgilius Draganescu, Karina Marin (Timisoara – Romania)
Z10 – O15	8 min	Outcomes in patients with Med El cochlear implant in Iasi, Romania Dan Martu, Sebastian Cozma, Luminita Radulescu, Corina Butnaru (Iasi – Romania)
Z10 – P16	3 min	Assesment of the cochlear implanted children Violeta Necula, Marcel Cosgarea (Cluj – Romania)
Z10 – P17	3 min	Cochlear implantation in Armenia: first steps Arthur Shukuryan, Vigen Bakhshinyan, Inessa Harutyunyan (Yerewan – Armenia)
Z10 – P18	3 min	Overview of cochlear implantation in India - challenges and solutions for the developing world Mohan Kameswaran (Chennai – India)
Z10 – P19	3 min	Cochlear implantation in a developing country J Douglas Green Jr, Joel N Anthis, Gordon F Tinley, Christy Kruger (Jacksonville – USA; Jos – Nigeria)
Z10 – P20	3 min	Remote programming and support of cochlear implantation via internet connectivity Gordon F Tinley, J Douglas Green Jr, Joel N Anthis, Christy Kruger (Jacksonville – USA; Jos – Nigeria)
Z10 – O21	8 min	Experience on medical supports to multiple cochlear implantation centers Dao-xing Zhang (Beijing – China)
Z10 – P22	3 min	A review of service delivery at south of England cochlear implant centre 1990-2005 Julie Eyles, Sarie Cross (Southampton – UK)
Z10 – P23	3 min	Cochlear implantation in Thailand Suchitra Prasansuk, Samut Chongvisal, Chana Siriyananda, Suvajana Athipas (Bangkok – Thailand)
Z10 – P24	3 min	Small incision technique for a Med El Combi 40+ cochlear implantation Charlotte Chiong (Manila – Philippines)





Saturday, 17.06.2006

Gartensaal

Outcome and Performance (G9)

8:00 – 10:00

Chair: Jean Pierre Bebear, Constantino Morera

G9 – O1	8 min	Recognition of auditory patterns in cochlear implant users Maria Cecília Bevilacqua, Natália Barreto Frederigue, Koichi Sameshima, Alves Costa (Sao Paulo – Brazil)
G9 – P2	3 min	Continuous improvement in lexical tone perception as the number of channels increased Yung-Song Lin, Shu-Chen Peng, Fei-Peng Lee (Taipei – Taiwan; Iowa City – USA)
G9 – P3	3 min	Behavioural assessment and use of accessories in every day situations Martina Brendel, Beate Krüger, Carolin Frohne-Büchner, Anke Lesinski-Schiedat, Thomas Lenarz (Hanover – Germany)
G9 – P4	3 min	Correlation between speech comprehension and width of spread excitation profiles Adam Walkowiak, Artur Lorens, Krzysztof Kochanek, Andrzej Czyżewski (Warsaw, Gdansk – Poland)
G9 – P5	3 min	Pitch scaling versus spread of excitation in cochlear implant user Adam Walkowiak, Artur Lorens, Arkadiusz Wąsowski, Henryk Skarżyński (Warsaw – Poland)
G9 – O6	8 min	Spread of excitation function in meningitic and in non-meningitic deaf cochlear implant users M Valeria Schmidt Goffi Gomez, Carolina Abdala F, Mariana Guedes, Cristina Ornelas, Rubens Brito Neto, Arthur Castilho, Ricardo Bento (Sao Paulo – Brazil)
G9 – P7	3 min	Demographics of cochlear implantation in the United States Donna Sorkin (McLean – USA)
G9 – P8	3 min	Evaluation of the Auria+ sound processor Christiane Séguin, Shelly Armstrong, Josée Chénier, Elizabeth MacDonald (Ottawa – Canada)
G9 – P9	3 min	Evaluation of HiRes® 120 in children Danielle Dzubak, Annie Vranesic, Leslie Visser-Dumont (Los Angeles – USA)
G9 – O10	8 min	HiRes90K in children Jean-Pierre Bébear, Sylvie Lautissier, Géraldine Coriat, Sandra Azzopardi, Isabelle Gavilan, René Dauman (Bordeaux – France)
G9 – P11	3 min	Perceptual channels determination in CII and 90K users Patrizia Mancini, Federica Babini, Deborah Ballantyne, Ersilia Bosco, Laure Arnold, Roberto Filipo (Rome – Italy)





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G9 – P12	3 min	Benefits of HiRes 120: Multicenter study results Mary Joe Osberger, Andrew Quick (Sylmar – USA)
G9 – P13	3 min	Pediatric high resolution study: 3 – 36 months use Ersilia Bosco, Luciana D'Agosta, Gabriella Traisci, Patrizia Mancini, Roberto Filipo (Rome – Italy)
G9 – O14	8 min	Patient performance with the Advanced Bionics High Res 90K with HiFocus Helix electrode David Schramm, Christiane Séguin, Elizabeth Fitzpatrick, Shelly Armstrong, Josée Chénier (Ottawa – Canada)
G9 – P15	3 min	Two measures of high frequency consonant production Geoff Plant (Innsbruck – Austria)
G9 – P16	3 min	Outcomes in speech recognition and production, phonology and memory Elizabeth Fitzpatrick, Janet Olds, Kelley Rabjohn, Rosemary McCrae, Robin Gaines, Andrée Durieux-Smith, David Schramm (Ottawa – Canada)
G9 – P17	3 min	Speech recognition tests in noisy circumstances Ferenc Tóth, Jozef G Kiss, Alice Szamoskozi, Attila L Nagy, Éva M Szabados, Jozsef Jóri (Szeged – Hungary)
G9 – P18	3 min	Impaired hearing and nasalance Rainer Müller, Albrecht Niernz (Dresden – Germany)
G9 – P19	3 min	Enhancing Chinese tone recognition in cochlear implantees Mei-Ji Horng, Chuan-Jen Hsu, Qian-Jie Fu, Xin Luo (Multicenter – China, Taiwan, USA)
G9 – P20	3 min	Memory and cognition: Critical variables in implant benefit John F Knutson, Camille Dunn, Kevin Schartz, Haihong Ji (Iowa City – USA)
G9 – P21	3 min	Bimodal hearing: Cochlear implant and hearing aid in opposite ears Lisa Potts, Margaret Skinner, Ruth Litovsky (Seattle, Milwaukee – USA)
G9 – O22	8 min	Benefits of bimodal stimulation for adult cochlear implant users Elizabeth Fitzpatrick, Christiane Séguin, Josée Chénier, Shelly Armstrong, David Schramm (Ottawa – Canada)
G9 – P23	3 min	Formulation of language structures in a bilingual setting Leah M Labrador, Georgina D Mojica (Manila – Philippines)
G9 – O24	8 min	Two years experience with the Med El Flex^{soft} electrode in Vienna Wolf-Dieter Baumgartner, Alexandra Jappel, Sonja Reiß, Sonja Hickmann, Isabella Ehrenreich, Reinhard Ramsebner, Christoph Arnoldner, Ilona Anderson (Vienna-Austria)
G9 – P25	3 min	Results for different groups of cochlear implanted patients Jowka Spiridonova, Diana Popova (Sofia – Bulgaria)





hear**LIFE**

MED-EL Coffee Break

Saturday, 17.06.2006

Gartensaal

Performance and Outcome (G10)

10:30 – 12:30

Chair: Ad Snik, David Schramm

- | | | |
|-----------------|-------|---|
| G10 – P1 | 3 min | Bimodal studies using adaptive dynamic range optimization (ADRO) technology
Takako Iwaki, Takeshi Kubo (Osaka – Japan) |
| G10 – P2 | 3 min | The effect of depth of insertion of cochlear implant electrodes on speech understanding
Dillon JF D'Souza, Sandra G DeSa Souza, Natasha A D'Souza (Mumbai - India) |
| G10 – P3 | 3 min | Benefits of deep electrode insertion in postlingually deafened CI users – a prospective long-term study
Gert Joseph, Andreas Büchner, Andreas Jäger, Guido Reetz, Peter Nopp, Thomas Lenarz (Hannover – Germany; Innsbruck – Austria) |
| G10 – P4 | 3 min | Speech perception of children using Combi-40 / Combi-40+ devices implanted at a very young age
Denise Rosenberger, Andreas Engel, Andre Gurr, Stefan Dazert, Thomas Stark (Bochum – Germany) |
| G10 – O5 | 8 min | Speech discrimination with the MED-EL Medium cochlear implant electrode
Marcia S Clark, Oliver F Adunka, Harold C Pillsbury, Carol Pillsbury, Craig A Buchman (Chaple Hill – USA) |
| G10 – O6 | 8 min | The Würzburg experience with new cochlear implant technology
Joachim Müller, Stefan Brill, Rudolph Hagen (Würzburg – Germany) |
| G10 – O7 | 8 min | Cochlear implantation in patients with Otosclerosis, clinical and audiometric aspects
Liselotte Rotteveel, Ad Snik, David Proops, Huw Cooper, Richard Ramsden, Shakeel Saeed, Deborah Mawman, Adriaan van Olphen et al. (Multicenter – Netherlands, UK) |





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G10 – O8	8 min	Otosclerosis: Which ear to implant? Stephen O'Leary, Alexia Matterson, Robert Briggs, Darren Pinder (Melbourne – Australia)
G10 – O9	8 min	Cochlear reimplantation David Strachan, Anne Costa, Chris Raine, Catherine Totten, Jane Martin (Bradford – UK)
G10 – O10	8 min	Cochlear implantation in the early deafened population Molly Justus (Durham - USA)
G10 – O11	8 min	Cochlear implantation in the elderly – short and long term experience Miriam Bürklein, Beatrice Knaus, Stefan Brill, Franz Schön, Jan Helms, Joachim Müller, Rudolf Hagen (Würzburg – Germany)
G10 – O12	8 min	Performance of elderly cochlear implant recipients David Schramm, Ali Safar, Christiane Séguin, Shelly Armstrong, Josée Chenier, Elizabeth Fitzpatrick (Ottawa – Canada)
G10 – P13	3 min	Cochlear implant supply in respect of the elderly Goetz Brademann, Joachim Müller-Deile, Petra Ambrosch (Kiel – Germany)
G10 – O14	8 min	Management and outcomes of meningitic hearing loss Yogesh Bajaj, David Strachan, Jane Martin, Catherine Totten, Chris Raine (Bradford – UK)
G10 – O15	8 min	Cochlear implantation in patients with postmeningitis deafness Jona Kronenberg, Lela Migirov, Chava Muchnik, Ricky Teitelbaum, Minka Hildesheimer (Tel Aviv – Israel)
G10 – O16	8 min	Cochlear implants in post meningitis children Leopoldo José Cordero, Silvia Noemí Breuning, Jorge Moretti (Buenos Aires – Argentina)
G10 – P17	3 min	Long term results of cochlear implantation in postlingually deaf patients with totally ossified cochlea Mohammad Farhadi, Saeid Hassanzadeh, Hessam Emamdjomeh, Ahmad Daneshi (Teheran – Iran)
G10 – P18	3 min	Deformities of the inner ear and the internal auditory canal Nikolas Marangos (Athens – Greece)
G10 – O19	8 min	Impact of cochlear implantation on voice development of congenitally deaf children Gürol Gültekin, Levent Olgun, Uður Çerçi, Gül Caner, Emel Çerçi (Izmir – Turkey)

The End





Social Events

Wednesday, 14th June 2006

Opening Ceremony & Welcome Reception in Belvedere Castle

Start: 18:30

Conference Presidents Welcome , Opening ceremony

Visit art gallery and exhibition of original Klimt and Schiele paintings

Cocktail and live music show

End 23:30



Thursday 15th June 2006

Special Performance of the Spanish Horse Riding School (Lipizzaner) and afterwards Cocktail in the Albertina Museum

Entrance 19:00

Start of performance 19:30

After the show Cocktail in the Albertina Museum (200m walking distance)

Finger-food and live music

End 23:30

RIDING SCHOOL NOT FOR PARTIES SUFFERING FROM HORSE ALLERGY !



Friday 16th June 2006

Gala Dinner in the historic festival hall at town hall

Start 20:00

Seated Gala Dinner in the town hall of Vienna

Live Music, dance and a surprise from the organisers

End 23:30





History of Belvedere Palace

The Österreichische Galerie Belvedere (Austrian Gallery Belvedere) is one of the world's most important museums with collections spanning from the Middle Ages to the present day.

The museum is situated in the Belvedere Palace, which Prince Eugene of Savoy had built as a summer residence. There are two palace buildings: the Upper Belvedere and the Lower Belvedere.



The two buildings are linked by a unique baroque garden, based on French and Italian examples with its many sculptures, fountains, greenhouses for exotic plants and a large voliere. The park was one of the most lavish and elaborate European gardens of the 18th century.

The Upper Belvedere houses the world-famous collection of the 19th and 20th centuries, including works of the Biedermeier era (Waldmüller, Markart, ...), works by French Impressionists like Monet, Manet and Renoir as well as important masterpieces from Klimt, Schiele and Kokoschka.

Prince Eugene of Savoy (1663 – 1736) was a French born nobleman who served three consecutive Habsburg emperors as a general and statesman. During his brilliant career he amassed considerable wealth and became a connoisseur of fine architecture, art and books.

In 1717 he decided that a large palace was to be built on the rise overlooking the city by the architect Johann Lucas von Hildebrandt (1668 – 1745). Construction took place between 1721 and 1722 and the interior decoration was completed the following year. The garden palace primarily served the purpose of pomp and display. This is reflected in the elegant sala terrena (entrance hall today), the grand staircase, the





magnificent marble hall rooms sumptuously embellished with stucco and frescos, ceiling paintings and the chapel with the exquisite altarpiece by Francesco Solimena (1657 – 1747).

After the prince death Emperor Karl VI immediately purchased Eugene's precious library and the graphic collection. In 1752 Empress Maria Theresia acquired the palace from the prince heiress. At that time the antique sculptures from Prince Eugene's famed art collection were sold to Dresden, the painting collection to Turin.

Under Maria Theresia the palace was first named "Belvedere". For a long period of time the buildings were hardly used.

In 1776 Maria Theresia, as a suggestion of her son Joseph II, had the "Imperial and Royal Picture Gallery" transferred from the Stallburg to the Belvedere. From 1781 onwards the Imperial Picture Gallery was opened to the public in the Upper Belvedere.

Joseph Rebell (1787 – 1828), director of the painting collection from 1824 – 1828, had the rooms of the Upper Belvedere, which were partly open, glazed.

His successor, Johann Peter Krafft (1780 – 1856), added the "modern Austrian School" to the collection of Italian, Dutch and German art. This new school incorporated Neoclassical, Romantic and Biedermeier paintings.

The important Austrian composer Anton Bruckner spent the last year of his life in an apartment in the so called custodian's tract – the buildings that adjoin the Upper Belvedere to the Northeast. In 1896 he wrote here on his Ninth Symphony and died on 11 October 1896.





From 1897 the Upper Belvedere was remodelled and modernised after plans by the architect Emil von Förster as a residence for the heir of the Austrian throne, Franz Ferdinand. He lived in the palace from 1899. At that time neo-baroque furnishing supplemented the original baroque furniture. Ferdinand was assassinated in 1914 in Sarajevo, the palace remained empty until 1917.

In 1919 the palace passed into the possessions of the 1st Republic of Austria and the Austrian Gallery came into being. The collection was restructured, incorporating international art. In 1923 the baroque museum was opened and one year later the Gallery of the 19th century.

In 1944 and 1945, at the end of World War II, both the Lower and the Upper Belvedere were badly damaged in air-raids.



1955 was a historic year for Austria. On May 15th, in the Marble Hall of Upper Belvedere the Austrian foreign minister Leopold Figl and representatives of the four signatories (the foreign ministers of the Allied Power – England, France, Soviet Union and United States of America) signed the Austrian State Treaty marking the end of the Allied occupation and

restoring to Austria its freedom, independency and neutrality. With the words of Leopold Figl from the balcony of Upper Belvedere, “Austria is free”, the second Republic of Austria was born.





Rooms of Belvedere Palace

Sala Terrena



The sala terrena, the hall on the ground floor and today the entrance hall, is dominated by four sturdy atlantes, which support the elaborately stuccoed vault. This is adjoined by the grand staircase which leads up to the Marble Hall.

Carlone Hall



The Carlone Hall or Painted Hall, on the ground floor of Upper Belvedere, was named after the Italian baroque artist Carlo Carlone (1686 – 1775), who painted the impressive ceiling fresco representing the “Triumph of Aurora” (1722 / 1723)

Grand Staircase



The grand staircase leads up to the wonderful Marble Hall.





Marble Hall



The Marble Hall, the most breathtaking room of Upper Belvedere, is located in the centre of the first floor of the palace. A masterpiece of Baroque interior architecture, it was here on 15 May 1955 that the Austrian foreign minister Leopold Figl and the representatives of the four signatories signed the Austrian State Treaty.

From the balcony of this hall, where Leopold Figl showed the State Treaty to the people of Vienna with the historic word “Austria is free”, the probably most famous view of Vienna can be enjoyed. Around 1760 this view was captured by Bernardo Bellotto (1721 – 1780) in one of his renowned paintings.

Makart Room



The Makart Room, on the first floor of Upper Belvedere is named after Vienna’s “painter prince” at the time when “Ring Straße” was being constructed, Hans Makart (1840 – 1884), because his paintings hung in this room. His immense painting “Bacchus and Ariadne” is displayed together with “the five senses” series and a work by Anselm Feuerbach (1829 – 1880).





The Spanish Riding School

The Spanish riding school in Vienna is the only institution in the world that still cultivates classical dressage in the Renaissance tradition of the haute école. The Spanish Riding School has practiced this tradition for over 430 years.



The objective of classical equitation is to study the way the horse naturally moves and to cultivate the highest level of haute école elegance the horse is capable of through systematic training. The result creates an unparalleled harmony between rider and horse, as only Vienna's Spanish Riding School achieves.

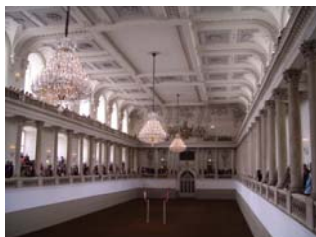
When the Riding School was founded in 1572 Spanish horses were used and because the Lipizzans also are descended from Spanish horses the institution got the name Spanish Riding School.

In 1565 a horse training area, called "Ross-thumbplatz", was located in the front of the Stallburg stables. Because this area was not roofed, it was unusable in bad weather conditions.

In 1572 a "Spanish Riding Hall" made of wood was built. This was the first documented mention of the Riding School.

In 1580 the Lippizza Imperial Stud was established by Archduke Karl II of Inner Austria.

Over a century later, the artistically minded Emperor Leopold I ordered in 1681 a new riding school constructed on the site of the former "Ross-Thumbplatz". In 1683, when the building was almost finished, the Turkish wars broke out and the riding school sustained heavy damage.



So Emperor Karl VI commissioned the building of the Winter Riding School in 1729.

Finally in 1735 the famous building, constructed by Josef Emanuel Fischer von Erlach, was completed and preserved its original construction to the present day. It is regarded as the world's most beautiful riding hall.





From this time on only Lipizzans from the Imperial Stud in Lipica were used instead of other Spanish horses.

From 1740 on carousels, masked celebration, equestrian tournaments and imperial balls were held in the Winter Riding School.

After the March Revolution of 1848, the monarchy's first Reichstag parliament was convened in the Winter Riding School.

When Emperor Franz Josef was crowned as King of Hungary on 8 June 1867 he climbed the hill where the ceremony took place on a Lipizzan-stallion called Maestoso Cerbero.

In 1898, the fundamental "directives" encompassing all of the orally thought knowledge was written down to paper the first time by Field Marshall Franz Holbein and Senior Rider Johann Meixner.



After World War I and the end of the Austrian monarchy the Riding School was placed under the ministry of agriculture. Because of the great personal commitment of Senior Rider Mauritius Herold the continued legacy of the Riding School was ensured. One and a half year after the end of war the first public performance took place and met with great enthusiasm.

1920 the western Styrian town Piber became the new home of the Lipizzans. Until today the Lipizzans were bred up in the Stud in Piber.

Thanks to tours and great appearance, Rudolf Count van der Straten made the Spanish Riding School so popular abroad that there was a national and international outcry when the close of the riding school was considered in 1925.

During the Second World War the stallions had to leave Vienna and were combined with the Federal Stud Piber in St. Martin, Upper Austria, and later relocated to Wels and then Wimsbach, where they lived for 10 years.



In 1955 the Spanish Riding School returned to its original location in the Imperial Palace Hofburg. On 26 October 1955, Austria's national holiday, the first performance in the Winter Riding School after the war took place.

As of 1 January 2001, the Spanish Riding School and the Federal Stud Piber were privatized and merged to form a company under private law.





Vienna City Hall

The Vienna City Hall is the head office of Vienna's municipal administration. More than 2000 people work in this building.

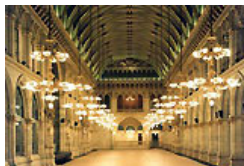


The Arkadenhof is one of the biggest inner courtyards in Europe with a surface of 2804 square meters. The choir-type oriel along the western wall is a reminder of the original project to build a chapel in the City Hall.



Grand Staircase I and II, made of stones from different regions of the Austro-Hungarian monarchy, are one of the architectural highlights of the City Hall. Broad steep flights of stairs with wrought-iron railings are bathed in brilliant light effects created by the multicoloured tracery windows. Grand staircase I lead up to the Festival Hall.

In 19th Century, when the Festival Hall was built, it was the largest hall in the country with a length of 71 meters, 20 meters wide and 18.5 meters high. On the park side an open loggia with windows allows an overview over the park and parts of the Hofburg, the courtyard side features a projecting corridor spanned by columns.



Numerous arcades and the gallery loggia enhance the impression of vast, airy space. The ceiling of the Hall was designed as a barrel-type vault with web compartments and raised cross ribs as decorative elements.



Two orchestra niches, decorated with the relief portraits of four important composers (Mozart, Haydn, Schubert, Gluck), are located at the front sides of the Hall. 16 magnificent chandeliers illuminate the Hall.

Into the arcade columns 10 statues representing famous and important historical figures are located.



The parquet of the Festival Hall, under monument protection, was made of special oak preserved for centuries in upland bogs and maintains its original outlook. To heat or cool the Hall, wrought-iron grilles are inserted into the flooring.





Optional Social Tours

VIENNA WOODS

When approaching Vienna by road or rail, many people are surprised by the extent of the area covered by the legendary Vienna Woods. This tour will take you out of the city and show you some of the beautiful sights situated to the south west of the metropolis.

Get acquainted with some of the most interesting sights in the southern part of the Vienna Woods. You will be driven through the romantic Helenental valley to Baden, a place famous for operetta performances, its wealth of Biedermeier architecture and its thermal springs. After a brief guided tour through the city, you will be taken to Mayerling, where crown prince Rudolph, the only son of Emperor Franz Joseph and his beautiful wife Sissy, together with baronesse Vetsera, found a tragic end in 1889. The tour continues to Heiligenkreuz, the Cistercian monastery founded in 1133, where the last Babenbergs are buried and today still a working monastery.



Date: June 14, 2006
Time: 09:00 – 12:30
EUR 40,00 per person

HUNDERTWASSERHAUS & KUNSTHAUS

Visit museum beyond usual clichés and standards; a journey into a land of creative architecture and painting. The Kunsthaus museum is home to about 300 paintings and other works of Friedensreich Hundertwasser.



Date: June 15, 2006
Time: 09:00 – 12:30
EUR 37,00 per person





GRAND CITY TOUR with Schönbrunn

This tour will introduce you to the most important sights of Vienna and is a definite must for first time visitors to the city.

The tour begins with a drive around Vienna's Ringstrasse, a leafy boulevard around the heart of the city and the location of many impressive buildings, for example the State Opera House, the Hofburg (Imperial Palace), the Museums of Fine Arts and Natural History, the Parliament, the Burgtheater, the City Hall and the University. The tour then continues to Schönbrunn Palace, the magnificent summer residence of the Habsburg family, where the highlight is a guided tour through the imperial apartments. A stop is also made at Belvedere Palace, where the gardens offer a splendid view over the Vienna skyline.



Date: June 16, 2006
Time: 14:00 – 17:30
EUR 35,00 per person

DANUBE VALLEY TOUR

This tour will take you west of Vienna, to the beautiful part of the Danube Valley known as the Wachau. The full day's journey includes a visit to the magnificent Benedictine abbey of Melk, one of the best examples of Baroque architecture in Austria and often referred to as the "cradle of Austria". A stop in the picturesque village of Dürnstein, where King Richard the Lionheart of England was held prisoner until rescued by his faithful minstrel Blondel, is particularly worthwhile, as well as the old merchants' town of Krems.



Date: June 17, 2006
Time: 09:00 – 17:00
EUR 90,00 per person

Mondial Congress reserves the right to cancel the tours if a minimum number of participants (=15) is not reached in advance. You will then be reimbursed on site.





**9th INTERNATIONAL CONFERENCE ON COCHLEAR IMPLANTS
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**Hofburg Congress Center
Vienna, Austria**

Scientific Information



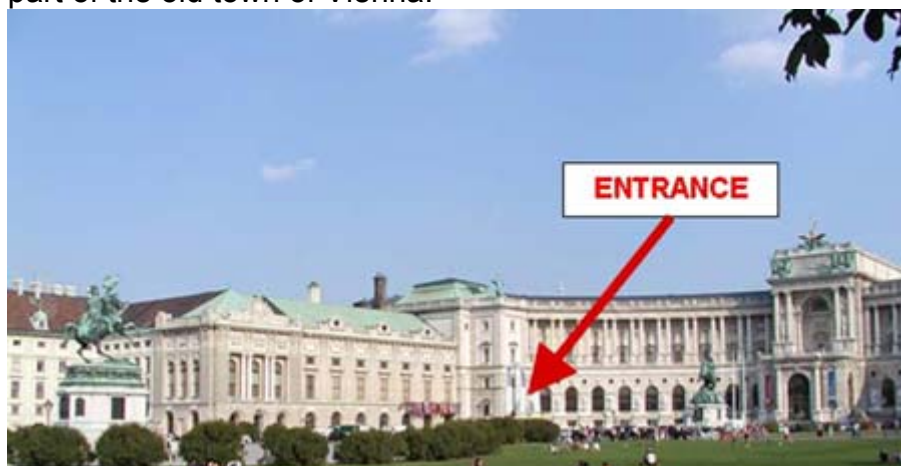


Congress Information

Meeting Venue

Hofburg Congress Center
Heldenplatz
A – 1010 Wien

The Hofburg Congress Center is located in the historic emperor winter palace of the former emperors of the Austrian and later Austrian-Hungarian monarchy, which is part of the old town of Vienna.



Some of the offered hotels are in walking distance. From the most of the hotels Hofburg Congress Center can be reached easily by the public transportation system (trams, Busses or the underground).

Badges

You will receive a personalized badge when collecting your registration documents. This badge must be clearly visible at all times during the Congress and grants access to the scientific sessions and the commercial exhibition. You also should wear it at all social events to be identified participant of CI 2006.





Certificate of Attendance

An attendance certificate will be included in the congress bag for official delegates to the congress.

Insurance

Delegates are advised to arrange health and accident insurance prior to travelling to the congress.

The congress organisers will not assume any responsibility for accidents, losses or damages, as well as for delays or modification in the programme, caused by unforeseen circumstances.

Language

The official language of the congress will be ENGLISH.

Lunches and Coffee Breaks

Coffee breaks and lunch buffet are included in the registration fee. Coffee as well as lunch will be served in the exhibition area.

Letter of Invitation

An official letter of invitation will be forwarded to any participant upon request.

Invitations of this kind are intended to assist potential delegates to obtain visas or to raise their travel funds. They do not imply any commitment or responsibility on behalf of the congress to provide financial support.





General Information

VIENNA

Vienna, a city with about 1.8 millions inhabitants, is situated at the heart of Europe. Owing to its geographic and geopolitical location, Vienna has become a centre of international events and it is a popular conference venue. Vienna hosts one of the United Nations headquarters and is home to a number of other international organisations like OSZE and OPEC.

Vienna's ever-changing history has left an indelible mark on the city, also manifested in a rich cultural heritage. The city's ultimate fascination stems from combining imperial grandeur with cosmopolitan spirit, a composition which emerged after the break-up of the Austro-Hungarian Monarchy. Viennese writers, musicians, artists and scientists have influenced many aspects of our modern world. Shaped over the centuries when it served as capital of a huge empire, Vienna will always arouse a feeling of nostalgia.

Today, Vienna offers old historical places and modern shopping centres, traditional hotels, Austrian food and haute cuisine, typical Viennese cafés houses and restaurants, outstanding opera performances, classical concerts and open-air festivals, antique shops and elegant boutiques – all joined in incomparable Viennese harmony.

LANGUAGE

The language spoken in Austria is German. Most Austrians speak English; some also speak French or Italian or Spanish and are happy to help visitors.

The official language of the conference is English. No simultaneous interpretation will be provided.

LOCAL CURRENCY

The official currency in Austria is EURO (€).





CLIMATE

In June, average temperatures in Vienna vary between 25 on 30 degree Celsius.

ELECTRICITY

Austrian networks supply 230V and a frequency of 50 Hertz. Plugs are continental-style two-pin. A plug adaptor should be taken along, if incompatible electric / electronic gadgets are to be used.

BANK AND EXCHANGE

Most Austrian banks will change traveller cheques as well as cash. Banking hours in general are Monday, Tuesday, Wednesday, Friday 08:00 – 12:30 and 13:30 – 15:00, Thursday 08:00 – 12:30 and 13:30 – 17:30. Automated cash dispensers are located outside most banks. Cash can be withdrawn there 24 hours a day. National and foreign Maestro cards (cash cards) as well as Mastercard, American Express, Visa and Diners are accepted. Credit cards are also accepted by numerous hotels, restaurants, shops and gas stations. Money can be changed at the airport, at banks, exchange bureaus and larger hotels. Please ask about charges before changing money – these may vary considerably.

RESTAURANTS

Vienna's restaurants range from gourmet-type restaurants to informal restaurants and "Heurigen" (Austrian wine taverns). There are also many international restaurants in the city, offering a choice of almost any kind of cuisine. In Austria Lunch is served between 12:00 and 14:00, dinner around 19:00.

TIPPING / GRATUITIES

Service is usually included in the prices in bars and restaurants, but tips are welcome (10%).





SHOPPING

Shopping hours are Monday to Friday 09:00 – 18:00 and Saturday 09:00 – 17:00. Except for some tobacconists and small supermarkets at petrol stations and at the main railway stations, shops are closed on Sundays.

Luxury shops for an elegant clientele can be found in the pedestrian zone along Graben and Kärntnerstraße (underground U1 or U3 / Stephansplatz). Street entertainment and outdoor cafés contribute to the special atmosphere of this area. Another well known shopping area is Mariahilferstraße (underground U3 / Neubaugasse).

Visitors from Non-EU countries should ask for VAT refunds when purchasing goods.

PASSPORTS AND VISAS

Passport-holders from countries in Western Europe as well as from North America and Australia will not need a visa to enter Austria. For some nationalities, visas can be issued at the airport in Vienna upon arrival. Others may have to apply before. If in doubt, please check with your nearest Austrian embassy, consulate (www.austria.org), or your airline.





Arrival

Arrival by Plane

73 international airlines offer scheduled services to Vienna. There are several daily flights to the main European capitals and business centres. Austrian airlines, the country flag carrier and official carrier of the 9th International Conference on Cochlear Implants, connect 116 cities worldwide with Vienna. This airline offers modern aircrafts and award-winning in-flight service. The Vienna International Airport is located in the south east of Vienna, 19 km and about 20 minutes away from the city centre.

You can go to the city by:

Taxi:

Outside the arrival hall there are taxi available (sign "Taxi" on the roof of the car). Driving time is about 25 - 40 minutes. Average fares to the centre of Vienna 35 € to 40 €.

City Airport Train (CAT):

With a travel time of only 16 minutes non-stop, the city airport train is the fastest transport between the Vienna Airport and the city center. The CAT runs every day at 30-minute intervals – from 05:38 to 23:35. Thanks to the airliner atmosphere with air conditioned double-decker carriages and first class seating, your trip on the CAT is relaxing and stress-free. As a participant of the 9th International Conference on Cochlear Implants and Related Sciences, you can obtain discounted tickets for the ride Airport – Vienna – Airport with the City Airport Train (CAT) in the period of 13 – 18 June 2006. For a single ticket you only pay € 7,50 (normally € 9). The discounted tickets for the CAT can be bought directly from the train attendants upon presentation of your registration confirmation.

Suburban Railway System ("S-Bahn" Lines S2, RSB2, S1, RSB1, RSB3):

These trains travel from the airport to the city centre railway station "Wien Mitte". They leave at 10-30 minute-intervals between 04:54 and 22:39 daily and need 24 minutes to the city centre (3 € per person).





Bus:

Several busses connect the Airport with the city centre. At 20-minutes intervals, the Vienna Airport Lines depart to the city centre between 05:30 and 24:00 daily. The travel takes around 20 minutes (6 €).

Arrival by Train

There are frequent connections to all European Cities.
Train planer: www.oebb.at

Arrival by Car:

Vienna can be reach by several motorways from all over Europe. (Motorway signs are blue.)

From East: (Budapest) via motorway A4 from Nickelsdorf to Vienna
(Sopron) via motorway A3 to Vienna

From South: (Udine) via motorway A2 from Villach to Vienna
(Maribor) via motorway A9 from Spielfeld to Vienna

From West: (Munich) via motorway A1 from Salzburg to Vienna
(Regensburg) via motorway A8 from Ried to Vienna





Public Transportation in Vienna

Vienna offers a modern and efficient public transport network of underground lines (U1, U2, U3, U4, U6), trams, buses and trains.

The congress venue has easy access to the underground system (U3 [orange line] – station “Herrengasse”, exit “Herrengasse” or station “Volkstheater”, exit “Dr. Karl Renner Ring”).

In dependence of the location of your hotel, you can also take the tram (1, 2, 46, 49, D, J) to station “Dr. Karl Renner Ring”. You can reach the Hofburg Congress Center within 5 minutes.

The bus number 2A, a bus which drives through the city centre, has his station direct on Heldenplatz, 2 minutes from the congress center.

Bear in mind, that taking the underground, tram or bus is much faster, safer, and more reliable than catching a taxi.

The Vienna public transport network is an easy, fast and cheap mode of transport in Vienna.

Rapid traffic system





Austrian, Austrian arrows and Lauda are the official carriers for our event.
They offer the most frequent flights to and from Austria.

Please contact your nearest Austrian Airlines office or travel agent where you will
receive information on flights and fares.

As participant of the

**"9th International Conference on Cochlear Implants,
June 14th – 17th, 2006"**

you and one accompanying person will benefit from a favourable congress fare
on Austrian, Austrian arrows and Lauda flights.*)

Please identify yourself as participant by presenting your registration and
referring to:

CODE – ICCI6

If your ticket is issued at a travel agency, please ask your agent to contact his
Austrian Airlines office.

*) excluding certain reduced and action fares

Participants from the USA please contact exclusively:

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Fax: 1-802-254-6123
E-mail: conferences@lyontravel.com**





fly the train **CAT**

Faster and cheaper to the 9th Conference on Cochlear Implants with the CAT

As a participant of the 9th Conference on Cochlear Implants in the Hofburg Congress Center Vienna, you can obtain **discounted tickets for the journey Airport <-> Vienna** with the **City Airport Train (CAT)** in the period of **13 - 16 June 2006**. For a single ticket you now only need to pay **EUR 7,50**.

The discounted tickets for the Vienna Airport Express can be bought directly from the train attendants upon presentation of your registration confirmation.

With a journey time of only 16 minutes non-stop, the City Airport Train is the fastest form of transport between the city centre and Vienna Airport. The CAT runs every day at 30-minute intervals - from 5.38 to 23.35. Thanks to the airliner atmosphere with air conditioned double-decker carriages and first class seating, your trip on the CAT is relaxing and stress-free.

Advance City Check-in at Wien-Mitte railway station

- Advance check-in is possible from the evening before at 18.00 until up to 75 minutes before flight departure
- Obtain your boarding card directly at the CAT Terminal
- On the day of your departure, travel straight to the airport in only 16 minutes non-stop
- Board your plane directly with hand luggage only - no waiting time or traffic jams

Check-in partners

Austrian (with Austrian Arrows and Lauda Air), Lufthansa, Adria Airways, Air Berlin, Air Canada, Air New Zealand, All Nippon Airways, Asiana Airlines, Blue 1, British Midland (BMI), China Airlines, Croatia Airlines, LOT, NIKI, Singapore Airlines, Spanair, TAP Air Portugal, Thai Airways, United Airlines, U.S. Airways and VARIG.

Due to increased security requirements, flights to the USA cannot be checked-in at Wien Mitte station.

The City Airport Train wishes you a pleasant journey!

