Dear Friends and Colleagues

I warmly welcome you on “XVth Anniversary Symposium in Audiological Medicine” that is organized with the cooperation of International Association of Physicians in Audiology and Polish Society of Audiology and Phoniatrics.

The Symposium has a special meaning as it takes place on the 30th anniversary of establishing IAPA, which happened here, in Kraków, in 1980. This year was of particular importance to Poland and Europe, because it was then that Solidarity was called into existence. It was the social movement that contributed to the fact that the Berlin Wall fell and that communism in Europe was overthrown several months later. At that time Krakow hosted the meeting of otorhinolaryngologists, led by prof. Sekuła. The members of IAPA were also present here. Today we meet after 30 years, again at the significant time for Poland. The year 2010 is the one packed with dramatic events for Polish nation. Among them the most tragic was the death of Polish President, Mr Lech Kaczyński, and other people, who gathered on board of the plane to Smolensk, to pay tribute to 250 000 Polish officers who were shot dead in Katyn, by Stalin’s order, 70 years ago.

However, today we are here to discuss the development of our medical specialization – audiology, which – even though it has its roots in otorhinolaryngology – is the specialization connecting ENT with many other fields – neurology, pediatrics or clinical immunology.

I am pleased to inform you that today there are with us audiologists from all continents, and from such distant countries as Japan, China, Korea, Australia, South Africa, Brazil, Mexico, USA and many other countries in Europe.

The programme of the Symposium comprises 4 invited lectures, Round Table on “Diagnostics and early rehabilitation of hearing impaired children”, 7 Structured Sessions, 9 Oral Presentation Sessions and 4 Poster Sessions. Altogether there will be over 150 papers presented. There will be about 400 people participating in the Symposium. I think that these numbers reflect the development of our field and are a good forecast for the future of IAPA.

Professor Mariola Śliwińska-Kowalska, MD, PhD
Chairman, Scientific & Organising Committee
XVth Anniversary Symposium in Audiological Medicine
Krakow, September 19-22, 2010

President of the Symposium
Professor MARIOLA ŚLIWINSKA-KOWALSKA

Honorary Patronage of IAPA 2010 Symposium
Mayor of the City of Krakow – Jacek Majchrowski
Metropolitan Archbishop of Krakow – Stanisław Dziwisz
Pro-Rector of Jagiellonian University Medical College – Prof. Wojciech Nowak
Director General of Nofer Insitute of Occupational Medicine – Prof. Konrad Rydzyński

Organizers
International Association of Physicians in Audiology
Polish Society of Audiology and Phoniatrics

Co-organizers
Department of Audiology and Phoniatrics, Nofer Institute of Occupational Medicine, Lodz, Poland
„AHEAD III“ EC project “Assessment of hearing in the elderly: Aging and degeneration – integration through immediate intervention”
Audiological Section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery
Foniatric Section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery

Local Organizing Committee
JACEK SKŁADZIEN – President of Local Organizing Committee
MARIOLA ŚLIWINSKA-KOWALSKA – President of the Polish Society of Audiology and Phoniatrics
HENRYK SKARZYŃSKI – President of the Audiological section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery
BOZENA WISKIRSKA-WOZNICA – President of the Foniatric section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery

IAPA Executive Committee
LINDA LUXON – president, JOSE J. BARRAJAS – past-president, KONRAD S. KONRADSSON – secretary,
ELINA MAKI-TORKKO – treasurer, ALESSANDRO MARTINI – vice-president, VALERIE NEWTON – co-editor of Audiological Medicine,
DAPHYDD STEPHENS – co-editor of Audiological Medicine,
MOHAMED HAMID – member, MANFRED GROSS – member, MARIOLA ŚLIWINSKA-KOWALSKA – member
Sponsors

Ministry of Science and Higher Education of Poland
"AHEAD" EC project "Assessment of hearing in the elderly: Aging and degeneration - integration through immediate intervention (Grant Agreement No 200835)
European Social Funds in Poland within HUMAN CAPITAL Operational Programme National Strategic Framework (NSRF) (project No WND-POKL.02.03.01–00–001/08)

Address of the Organizing Committee
Department of Audiology and Phoniatrics
Nofer Institute of Occupational Medicine
8 St Teresa Street
91-348 Lodz, Poland
tel. +48 42 63-14-521
e-mail: info@iapa2010.eu
e-mail: marsliw@imp.lodz.pl

Address of the Organizing Secretariat
MEDITON
Sienkiewicza 101/109 m. 115
90-301 Lodz, Poland
phone/fax: +4842636-35-18
e-mail: info@iapa2010.eu
www.mediton.eu

Conference participants are eligible to receive 24 credit points of Continuous Medical Education
GENERAL INFORMATION

CONFERENCE VENUE
Hotel Qubus, Nadwislanska 6, Krakow

DATES
19-22 September, 2010

REGISTRATION DESK AND SYMPOSIUM SECRETARIAT
Opening Hours
Sunday, 19 September 13:00-19:00
Monday, 20 September 7:00-18:00
Tuesday, 21 September 7:00-18:00
Wednesday, 22 September 7:00-13:00

SLIDE PREVIEW ROOM
The slide preview room (Board Room) for all presentations in rooms B, C and D is located on the ground floor near Reception. Oral presentations should be given to the slide preview room at least one day before the presentation (if it is going to be delivered next day before noon), and in the morning on the day of presentation if it is going to be delivered in the afternoon.

GUIDELINES FOR ORAL PRESENTERS
Oral presenters have 10 minutes for the presentation (8 minutes – presentation, 2 minutes – discussion).

GUIDELINES FOR THE PRESENTERS OF POSTERS
Posters should be displayed by presenters on stands in the morning and taken off the stands in the evening. The presenters of posters should be present by the stands during poster sessions at the time specified in Final Programme.

NAME BADGES
Your personal badge is your entrance ticket to all sessions and Commercial Exhibition. Please remember to wear your badge at the Conference Venue.

COMMERCIAL EXHIBITION
Opening Hours
Sunday, 19 September 13:00-19:00
Monday, 20 September 7:00-18:00
Tuesday, 21 September 7:00-18:00

COFFEE BREAKS AND MEALS
Coffee, tea and snacks, as well as lunch each day, are included in the registration fee.

Coffee and Snacks
Monday, 20 September 10:30-11:00, 15:40-16:10
Tuesday, 21 September 10:00-10:30, 15:30-16:00
Wednesday, 22 September 10:00-10:30

Lunch
Monday, 20 September 12:30-13:30
Tuesday, 21 September 12:30-13:30
Wednesday, 22 September 12:45-13:45
SOCIAL PROGRAMME

Sunday, 19 September
18:30-22:00 Opening Ceremony and Welcome Reception

Monday, 20 September
19:00-22:30 Boat trip and dinner (tickets required)
Departure from Hotel Qubus harbor at 19:00 (casual dress, please take a warm coat on boat trip)

Tuesday, 21 September:
20:30-23:00 Gala Dinner (invitation required)
Hotel Stary
Szczepańska 5 (Main Market Square)
tel. 48 12 384 08 08
Departure from Hotel Qubus by bus at 20:00

SYMPOSIUM HOTELS

Hotel Qubus****
(Conference Venue)
e-mail: krakow@qubushotel.com
tel. (+48 12) 374 5 100

Hotel AMADEUS****
e-mail: amadeus@janpol.com.pl
tel. (+48 12) 429 60 70

Hotel BATORY***
e-mail: batory@hotelbatory.pl
tel. (+48 12) 294 30 30

Hotel CHOPIN***
e-mail: info@chopinhotel.com
tel. (+48 12) 299 00 00

Hotel WYSPIAŃSKI***
e-mail: wyspianski@janpol.com.pl
tel. (+48 12) 422 95 66

Hotel Campanile**
e-mail: krakow@campanile.com.pl
tel. (+48 12) 424 26 00
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**Abbreviations:**
- IL: Invited/Introductory Lecture
- RT: Round Table
- SS: Structured Session
- OP: Oral Presentation
- P: Posters
**WORKSHOP (WITH BREAKFAST)**

Room B/C
7:15-8:15

Free pre-registration required (limit 100 participants)

**Balance Disorders: the role of cognitive processes – “The Arriba strategy”**

*Giorgio Guidetti (Italy)*

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**ROUND TABLE**

Room B/C
8:30-10:30

“**Diagnostics and early rehabilitation of hearing impaired children**”

Session co-organized with the Polish Society of Audiology and Phoniatrics

*Moderator: Philippe Léfèbvre (Belgium)*

- **Usefulness of ABR/ASSR in neonates after the OAE/AABR screening procedures**
  *Pedro Berruecos (Mexico)*

- **Genetic hearing loss: an update**
  *Alessandro Martini (Italy)*

- **Audiological diagnostics, a comprehensive approach**
  *Elina Mäki-Torkko (Sweden)*

- **Large Vestibular Aqueduct Syndrome (LVAS)**
  *Mohamed Hamid (USA)*

- **New auditory imaging techniques evaluating profound hearing loss: fMRI & DTI**
  *Sang-Heun Lee (Korea)*

- **Considering a cochlear implant**
  *Kazimierz Niemczyk (Poland)*

- **Early prelingual auditory development after intervention**
  *Sigfrid D. Soli (USA)*

- **Long term outcomes in the patients with early cochlear implantation**
  *Seung-Ha Oh (Korea)*

Coffee break
10:30-11:00

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**INVITED LECTURE**

Room B/C
11:00-11:30

**Cochlear amplification and somatic vs stereocilial force debate**

*Jonathan Ashmore (UK)*
Oral Presentation Session 1

„Vertigo and dizziness”

Introductory lecture
11:30-12:00  Inner ear homeostasis and inner ear perfusion intervention  
Mohamed Hamid (USA)

Original presentations

Chairperson: Mohamed Hamid (USA)

12:00  Vestibular Office Tests: A Battery Approach to Guide the Diagnosis of Dizzy Patients  
Kamal N., Taha H., Galal E. (Egypt)

12:10  Assessment of Risk of Falls in Patients with Peripheral Vestibular Disorders  
Tawfik S., Hazzaa N., Mowafy S. (Egypt)

12:20  Identification of internuclear ophthalmoplegia signs in multiple sclerosis patients  
– Saccadie test analysis  
Józefowicz-Korczyńska M., Łukomski M., Pajor A. (Poland)

12:30  The long-term pharmacological treatment in Meniere disease. A study on 102 patients  
Monzani D., Marrara A., Palma S., Genovese E. (Italy)
**Oral Presentation Session 2**

**Chairpersons:** Inger Uhlén (Sweden), Elżbieta Hassman-Poznańska (Poland)

**Room D**

**11:30-12:30**

**“Paediatric audiology”**

11:30  The Queensland Healthy Hearing Program – Universal Newborn Hearing Screening  
*Harris A. R., Glennon S. (Australia)*

11:40  Newborn Hearing Screen: deficiency and amelioration  
*Zhicheng Li, Xiangli Zeng, Jintian Cen, Yi Peng (China)*

11:50  Yield from aetiological medical investigations of permanent childhood hearing loss  
*Spyridakou C., MacArdle B. (UK)*

12:00  Auditory and language profiles in infants and children with auditory neuropathy/dys-synchrony  
*El Kholy W.A., Hegazi M.A. (Egypt)*

12:10  Audiological Profile of Children with Cochlear Nerve Deficiency  
*Lingyan Mo, Fei Yan, Hui Liu, Jing Che, Fan Zhang (China)*

12:20  The Implication of peripheral hearing loss on Temporal Auditory Processing in children  
*Shabana M., Shalaby A., Dabbous A., Emara A. (Egypt)*

Lunch  

12:30-13:30
„Hearing and communication”
Session co-organized with the Phoniatric Section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery

Chairpersons: Antoinette am Zehnhoff-Dinnesen (Germany), Bożena Wiskirska-Woźnica (Poland)

14:00 Central auditory processing in children – behavioral and electrophysiologic evaluation
   Eliane Schochat (Brazil)

14:30 Communication assessment of deaf children: a phoniatic perspective
   Antonio Schindler (Italy)

14:50 Training of communication skills of parents of hearing-impaired infants and toddlers
   Antoinette am Zehnhoff-Dinnesen (Germany)

15:20 Suprasegmental analysis for voice assessment of hearing-impaired patients
   Bożena Wiskirska-Woźnica (Poland)
14:20 Effect of amplitude and frequency of vertical oscillations on motion sickness incidence in the seated position
Helaly M., Kamel S., Mourad M. (Egypt)

14:30 Videonystagmography (VNG) Findings in Epileptic Children
El-Gohary M., El-Mously M., Ismail N., Mekki S., Abdel-Gawad E., Hamed E. (Egypt)

14:40 Stabilometric study in patients affected by BPPV treated with liberatory manoeuvres
Socci M., Barozzi S., Di Berardino F., Filipponi E., Giordano G., Pascariello C., Soi D., Cesarani A. (Italy)

14:50 Evaluation of Cochlear Integrity in Migraine
Lobna H. Khalil, Dalia M. Hassan, Lobna M. El-Nabil (Egypt)

15:00 Videonystagmographic assessment in migraine-associated vertigo
Zamysłowska-Szmytke E. (Poland)

15:10 Intraoperative TT-ECochGs Monitoring of Hearing During Selective Vestibular Nerve Section Surgery
Brzeziński R., Morawski K., Niemczyk K. (Poland)

15:20 A Postal Survey of Tinnitus Management in General Practice: final results
Jayarajan V., Sriskandarajah V. (UK)

15:30 Unusual presentation of pulsatile tinnitus: case reports
Ratnayake S.A.B., Pajaniappane A., Palaniappan R. (UK)

Coffee break 15:40-16:10
STRUCTURED SESSION II

„Age-related hearing loss”
Session supported by the „AHEAD III” EC project “Assessment of hearing in the elderly: Aging and degeneration – integration through immediate intervention (Grant Agreement No 200835)

Chairpersons: Ferdinando Grandori (Italy), Dafydd Stephens

16:10 Deriving human audiometric phenotypes in age-related hearing loss from animal models
Judy R. Dubno (USA)

16:40 Effects of age and hearing loss on recognition of time-compressed speech
José Juan Barajas de Prat, Frank Zenker, A.B. Carballo González, R. Fernández Belda (Spain)

16:55 Validated measures of functional hearing ability to screen individuals for hearing-critical jobs
Sigfrid D. Soli (USA)

17:20 Quality of life in the elderly with hearing impairment
Nadia Kamal, Motassem Amer, Shereen Mousa, Dina El-maleh (Egypt)

17:35 The European Project AHEAD on Adult Hearing Care. Achievements and consensuses
Ferdinando Grandori (Italy)
**Oral Presentation Session 4**

**Room D**

**16:30-17:30**

“Paediatric audiology”

*Chairpersons: Elina Maki-Torkko (Finland), Andrzej Obrębowski (Poland)*

16:30  **Gaps-In-Noise Test Versus Auditory Fusion Test in Diagnosis of Auditory Temporal Processing Disorders**

*Tawfik S., El Kholy W.A., Mekki S., Gad N. (Egypt)*

16:40  **Specific language impairment (SLI) and central auditory processing disorders**


16:50  **Application of computer-based auditory training in CAPD children**

*Tawfik S., Shalaby A., El Khaly W. A., Hassan D., Thabet M. (Egypt)*

17:00  **Hearing in children with cystic fibrosis**

*Mosina V., Mileshina N., Tavartkiladze G. (Russia)*

17:10  **The usefulness of audiological tests in monitoring of hearing in children treated because of chronic inflammatory connective tissue diseases**

*Muszyński P., Dutsch-Wicherek M., Zajdel K., Stręk P., Kocoń S., Morawska A., Szaleniec J., Żuber Z. (Poland)*

17:20  **Radiologic imaging in the diagnostic evaluation of children with unilateral sensorineural hearing loss**

*Topolska M.M., Gościk E., Szreniawska A. (Poland)*

**Boat Trip and Dinner (tickets required)**

**19:00-22:30**
PROGRAMME
MONDAY, 20 SEPTEMBER 2010

POSTER DISCUSSION

„Vertigo and dizziness; tinnitus”

**P1**
Positional vertigo and nystagmus of different causes – clinical features
TACIKOWSKA G., PIETRASIK K., RZESKI M. (POLAND)

**P2**
Vertigo due to neurovascular cross-compression: diagnosis and treatment
XIANGLI ZENG, PENGLI, QINGCONG KONG, YUNYA LIN, ZIMING WU, YONGQI LI (CHINA)

**P3**
Comparison of vestibular evoked myogenic potentials (VEMPs) in patients with multiple sclerosis and normal individuals
JALAEI B. TOOFAN R. GOLMOHAMMADI H. (IRAN)

**P4**
Audio-Vestibular Findings in Patients of Fibromyalgia Syndrome
NAGWA HAZZAA, AMANI SHALABY, NAGWAN HELMY (EGYPT)

**P5**
Balance assessment in styrene-exposed workers
EWA ZAMYSLOWSKA-SZMYTKE (POLAND)

**P6**
Eye lateralization & contralateral suppression of TEOAEs: preliminary results
SOI D., BRAMBILLA D., COMIOTTO E., DI BERARDINO F., FILIPPONI E., SOCCI M., SPEARICO E., FORTI S., CESARANI A. (ITALY)

**P7**
Neuroanatomical correlates of tinnitus evidenced by cortical thickness alterations: preliminary findings
FATEN ALDHAFEERI, IAN MACKENZIE, TONY KAY, VANESSA SLUMING (UK)

**P8**
The evaluation of tinnitus treatment using electrical stimulation of the hearing organ in comparison to placebo group
MIELCZAREK M., KONOPKA W., OLSZEWSKI J. (POLAND)

**P9**
Tinnitus: Primary Study of Gender Difference
ZHICHENG LI, RUOLEI GU, YI PENG, XIANGLI ZENG, SHUFANG WANG, JINTIAN CEN (CHINA)

**P10**
Tinnitus-related neuroplasticity in the limbic system evidenced by fMRI
ALDHAFEERI F., MACKNEZIE I., KAY T., SLUMING V. (UK)
“Paediatric Audiology”

MONDAY, 20 SEPTEMBER 2010

13:30-14:00

P11 Recognizing the delayed auditory pathway maturation of infants
Xiangli Zeng, ZhiCheng Li, Jintian Cen, Peng Li, Shufang Wang, Gehua Zhang (China)

P12 Queensland Healthy Hearing Program – Initiatives to improve compliance with medical guidelines
Harris A. R., Geddes A. (Australia)

P13 Newborn Hearing Screening: Influence Factors
Shufang Wang, Xiangli Zeng, ZhiCheng Li, Jintian Cen (China)

P14 Hearing screening in children using DPOAE thresholds and interactive, self-paced behavioural pure-tone thresholds (MAGIC)
Bohnert A., Schirkonyer V., Muller S., Brantzen P., Keilmann A., Janssen T. (Germany)

P15 Results of hearing screening in school-age children in Poland

P16 Assessment of Hearing Organ Activity in a Group of Newborns with Central Nervous System Impairment Occurring as an Effect of Perinatal Asphyxia
Wiedziszowska A., Namysłowski G. (Poland)

P17 Auditory Steady State Response in auditory neuropathy
Mekki S., Nada E.. (Egypt)

P18 Genetic diagnosis findings and cochlear implant in charge association
Bojano A., Cortile A., Covino A., Izzo R. (Italy)

P19 Speech-sound selective auditory impairment in pre-school children with autism spectrum disorders
Mekki S., Ehab Rashid E., Yousef O. (Egypt)

P20 The level of phonemic hearing in school children and teenagers with hearing loss
Niedzielski A., Niedzielska G. (Poland)

P21 Microbiological analyses of otitis media with effusion in children and the level of hearing loss
Niedzielski A., Kotowski M., Niedzielska G. (Poland)

P22 Wideband Reflectance (WBR) in Normal and otitis media with effusion (OME) Egyptian children
Mekki S., Sorour S. (Egypt)
STRUCTURED SESSION III

„New concepts in neurootologic evaluation”

Chairpersons: Henryk Kazmierczak (Poland), Mohamed Hamid (USA)

- New methods in vestibular assessment
  *Erik Ulmer (France)*

- Eccentric rotation utricular testing and posturography
  *Ledin T. (Sweden)*

- Neurootologic examination and differential diagnosis in children
  *Gottfried Aust (Germany)*

- CT and MRI findings in cochlear implant
  *Bea Kovacsovics (Sweden)*

- The utility of qEEG in tinnitus patients
  *Katarzyna Pawlak-Osińska (Poland)*

Coffee break

10:00-10:30
ORAL PRESENTATION SESSION 5

„Genetics of deafness”

Introductory lecture
8:30-9:00   Advances in Genetic research and application in newborn hearing screening
            Qiu-ju Wang (China)

Original presentation

Chairpersons: Qiu-ju Wang (China)

9:00   Algorithm of genetic screening among Polish patients with hearing loss
       Pollak A., Lechowicz U., Mueller-Malesińska M., Skórka A., Oldak M.,
       Kostrzewa G., Iwanicka-Pronicka K., Korniszewski L., Płoski R. (Poland)

9:10   The frequency of 35delG mutation of GJB2 gene among patients
       with environmental causes of hearing loss
       Skórka, A., Pollak, A., Lechowicz, U., Malesińska, M., Oldak,
       M., Skarżyński, H., Korniszewski, L., Płoski, R. (Poland)

9:20   Participation of large deletion/insertion GJB6/GJB2 genes in the pathogenesis
       of genetically related hearing loss
       Lechowicz U., Pollak A., Mueller-Malesińska M., Skórka A.,
       Oldak M., Korniszewski L., Płoski R. (Poland)

9:30   Otoferlin Gene Mutations in Non Syndromic Auditory Neuropathy Patients
       Kamal N., El-Danasoury I. Gasparini P, El-Sawy M.,
       Moharram Gh., Zadro C., Pianigiani G. (Egypt)

9:40   Postlingual bilateral sensorineural hearing loss in patients with MELAS mutation 3243
       A>G in tRNA leu in mtDNA
       Iwanicka-Pronicka K., Pollak A., Lechowicz U., Skórka A., Korniszewski L., Płoski R. (Poland)

9:50   Audiological phenotype and molecular basis of brittle cornea syndrome
       Madden C., Ul-Haq S., Burkitt-Wright E., Das V., Dodds A., Black G., Painter G. (UK)

Coffee break   10:00-10:30
**Invited Lecture**

„Regeneration medicine for inner ear diseases“

Juichi Ito (Japan)

**Room B/C**

10:30-11:00

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**Oral Presentation Session 6**

„Hearing aids and cochlear implants“

Chairpersons: Sang-Heun Lee (Korea), Alicja Sekula (Poland)

11:00 Otologics Fully Implantable Hearing Device Results

*Philippe Léfèbvre, Sébastien Barriot (Belgium)*

11:20 Effect of hearing aid use on temporal auditory processing in sensorineural hearing loss children

*Shabana M., Shalaby A., Dabbous A., Emara A. (Egypt)*

11:30 Effect of Integrated Signal Processing on Speech Recognition Abilities in Children

*Tawfik S., El Kholy W.A., Taha H., Mahmoud E. (Egypt)*

11:40 Auditory Steady State Response (ASSR) As an Objective Tool in Candidate Selection for Cochlear Implantation

*Khater A. (Egypt)*

11:50 Stimulation of the human auditory nerve with optical radiation

*Fishman A., Winkler P., Mierzwinski J., Beuth W., Matic A.I., Siedlecki Z., Teudt I., Maier H., Richter C-P. (Poland, USA, Germany)*
ORAL PRESENTATION SESSION 7

„Genetics of deafness; audiological diagnostics”

Chairpersons: Alessandro Martini (Italy), Agnieszka Pollak (Poland)

Auditory late potentials in Down’s syndrome: preliminary results

Audiological aspects in Williams Syndrome
  Barozzi S., Soi D. Comiotto E. Borghi A., Gavioli C. Spreafico E.
  Gagliardi C., Selicorni A., Forti S., Ambrosetti U. Cesarani A., Brambilla D. (Italy)

Auditory neuropathy: Clinical picture and auditory tests results as a new syndrome
  Abdi S. (Iran)

Measurement of Vestibular & Visual evoked potentials in Auditory neuropathy (dys-synchrony) patients
  Shalaby, A., Abou-Setta, A., Khalil, S. (Egypt)

Bilateral otoacoustic emissions test – assessment of a new method
  Lisowska G., Dziendziel A., Namyslowski G., Misiolek M. (Poland)

Inner ear autoimmune diseases: Better understanding for better diagnosis?
  El Refaie A. (UK)

Posters discussion 12:00 - 12:30

Lunch 12:30 - 13:30
STRUCTURED SESSION IV

„Noise-induced hearing loss prevention”

Session supported by the European Social Funds in Poland within HUMAN CAPITAL Operational Programme National Strategic Framework (NSRF) (project No WND-POKL.02.03.01-00-001/08)

Chairpersons: Donald Henderson (USA), Mariola Śliwińska-Kowalska (Poland)

The role of oxidative stress in noise-induced hearing loss
Gaetano Paludetti (Italy)

The Professional Supervisor of the Audiometric Component of Hearing Conservation Programs
Peter Rabinowitz (USA)

Hearing conservation programs in South Africa: past, present and future
Anita Edwards (South Africa)

Interactions between noise and work-related organic solvents: implication on hearing conservation programs
Mariola Śliwińska-Kowalska (Poland)

Coffee break

15:30–16:00

STRUCTURED SESSION IV - CONTINUE

„Noise-induced hearing loss prevention”

Chairpersons: Peter Rabinowitz (USA)

Risky Business: can OAEs determine increased susceptibility to noise?
Lynne Marshall, Judi Lapsley Miller (USA)

Treatment for acoustic trauma
Donald Henderson (USA)
**ORAL PRESENTATIONS SESSION 8**

**ROOM B/C**

17:00-18:00

**“Noise exposure and health”**

Chairpersons: Peter Rabinowitz (USA), Wiesław Konopka (Poland)

17:00  Biomolecular mechanics for cochlear damage in noise induced hearing loss (NIHL)

*Dasgupta S.* (UK)

17:10  Preventive use of coenzyme Q10 and coenzyme Q10-related compounds in the model of noise-induced hearing loss

*Fetoni A.R., Eramo S., Ralli M., Troiani D., Paludetti G.* (Italy)

17:20  The implementation of Noise Directive 2001/EC in Poland

*Pawlaczyk-Łuszczyńska M.* (Poland)

17:30  Combined effect of occupational noise exposure and additional risk factors on permanent hearing threshold shift

*Dudarewicz A., Toppila E., Pawlaczyk-Łuszczynska M., Śliwińska-Kowalska M.* (Poland)

17:40  Medical care for noise-exposed workers in Poland

*Zamysłowska-Szmytke E., Kotyło P., Śliwińska-Kowalska M.* (Poland)

**ORAL PRESENTATION SESSION 9**

**ROOM D**

14:30-15:30

**“Hearing aids and cochlear implants”; varia**

Chairpersons: Helge Rask-Andersen (Sweden), Krzysztof Morawski (Poland)

14:30  Comparison of fitting parameters of the speech processor and the auditory outcome of the patients with cochlear implants MXM/Neurelec

*Paprocki A., Łukaszewicz-Moszyńska Z., Morawski K., Niemczyk K.* (Poland)

14:40  Factors influencing outcomes in pre-lingual deaf children after cochlear implantation

*Bassiouny S., Saleh M., El-Danasoury I., Sarwat S.* (Egypt)

14:50  Perception of music among cochlear implant users

*Rajenderkumar D., Fitzmaurice P., Arif M.* (UK)

15:00  Tinnitus suppression in patients with cochlear implants

*Abdi S.* (Iran)

15:10  Influence of bone conduction threshold on hearing results after middle ear surgery

*Wiatr M., Sładzień J., Tomik J., Oleś K., Hydzik-Sobocińska K., Przekłas-Muszyńska A.* (Poland)

15:20  Cigarette smoking and hearing

*Lisowska G., Gierlotka A., Namysłowski G.* (Poland)

Coffee break  15:30 – 16:00
STRUCTURED SESSION V

“Advances in audiovestibular implantation and treatment”
Session co-organized with the Audiological Section of the Polish Society of Otorhinolaryngology, Head and Neck Surgery

Chairpersons: Sigfrid Soli (USA), Henryk Skarżyński (Poland)

Osseointegrated implants: Use in treatment of conductive hearing loss, mixed hearing loss, and single-sided deafness
Sigfrid D. Soli (USA)

Long term results of Partial Deafness Treatment in children
Henryk Skarżyński (Poland)

Treatment with ABI – Surgery and Indications
Helge Rask-Andersen (Sweden)

Local drug delivery system for treatment of sensorineural hearing loss
Juichi Ito (Japan)

IAPA GENERAL ASSEMBLY

IAPA GENERAL ASSEMBLY

GALA DINNER (INVITATION REQUIRED)

IAPA GENERAL ASSEMBLY

GALA DINNER (INVITATION REQUIRED)
POSTER DISCUSSION

„Audiological diagnostics and treatment”

P1 New clinical insights for Transiently Evoked otoacoustic Emission responses
Hatzopoulos S., Grzanka A., Martini A., Konopka K. (Poland, Italy)

P2 Usefulness of otoacoustic emission in evaluation of otosurgeries
Wiatr M., Składzień J., Tomik J., Oleś K., Szaleniec J., Střek P., Morawska A.,
Przeklasa R., Pałasz A., Boron A., Kocön S. (Poland)

P3 The effects of electrode insertion on ABR morphology in animal experiment
Suć O., Morawski K., Niemczyk K. (Poland)

P4 Stability of Pb (P1) Wave in Auditory Middle Latency Response
and its Diagnostic Value in Cognitive impairment
Xiangli Zeng, Shusheng Gong, Yongqi Li, Jintian Cen, Zhicheng Li, Shufang Wang, Gehua Zhang (China)

P5 Paired or Sequential Cochlear Stimulation:
Subjective Preference Versus Psychophysical Findings
Khater A. (Egypt)

P6 The intensities yielding the most approximate scores
to PB Max for hearing-impaired subjects
Hsiao-Chuan Chen, Jay-Yi Wu (Taiwan)

P7 Development of a Mandarin Monosyllable Test Material with Homogenous items
Ji Fei (China)

P8 Mandarin dichotic digits listening task for young Mandarin-speaking adults
Shu-Yu Liu, Jia-Shiou Liao, Wen-Ying Yeh (Taiwan)

P9 Central auditory processes cognitive impairment and reading in hearing impaired
and deaf children with cochlear implants or hearing aids
Uhlen I. (Sweden)

P10 Central auditory processing disorder in elderly with mild cognitive impairment
Elbanouby M., Abdelrahma T., Farag H., Tawfik S. (Egypt)

P11 Vowels recognition using video and audio data with an application
to laryngectomees’ voice analysis
Pietruch R., Konopka W., Grzanka A. (Poland)

P12 Clinical characteristics of inner ear malformations which presented symptoms in manhood
Xiangli Zeng, QingCong Kong, PengLi, YongQi Li, Jintian Cen, Zhicheng Li,
Shufang Wang, Gehua Zhang, Yuan Li (China)
P13  Carharts notch, a 2-kHz bone conduction threshold dip, is not a definitive predictor of stapes fixation in conductive hearing loss accompanied with a normal eardrum
   Ito K., Kashio A., Yamasoba T. (Japan)

P14  Efficacy Assessment of Malleus-Stapes Assembly During Middle Ear Surgery Using Laser-Doppler Vibrometry
   Sokolowski J., Niemczyk K., Bartoszewicz R., Brudzielewicz A., Morawski K. (Poland)

„Biological and health effects of noise exposure and aging”

P15  The contribution of genetic factors in the development of noise-induced hearing loss

P16  Age-related changes of markers for oxidative stress in the C57BL/6 mouse cochlea
   Teranishi M., Suzuki H., Otake H., Nakashima T. (Japan)

P17  The European Project AHEAD III on Adult Hearing
   Śliwińska-Kowalska M., Grandori F., Parazzini M. (Poland, Italy)

P18  D-methionine in preventing noise induced hearing loss
   Wiktorcz Smagur A., Rewerska A., Rajkowska E., Politanski P., Śliwińska-Kowalska M. (Poland)

P19  Noise exposure at workstations in call center
   Smagowska B. (Poland)

P20  Exposure to orchestral noise and risk of hearing loss in professional musicians
   Pawlaczyk-Łuszczyńska M., Dudarewicz A., Zamojska M., Śliwińska-Kowalska M. (Poland)

P21  Theoretical prediction and actual hearing loss in professional orchestral musicians
   Pawlaczyk-Łuszczyńska M., Dudarewicz A., Zamojska M., Śliwińska-Kowalska M. (Poland)

P22  Self-assessment of hearing and risk of noise-induced hearing loss in blue-collar workers from heavy industry
   Pawlaczyk-Łuszczyńska M., Dudarewicz A., Zamojska M., Śliwińska-Kowalska M. (Poland)
STRUCTURED SESSION VI

„Advances in audiological diagnostics”

Chairpersons: José Juan Barajas de Prat (Spain), Krzysztof Kochanek (Poland)

8:00   DPOAEs measured as vibration of the umbo: Possibilities for differential diagnosis of conductive and sensorineural hearing loss
       Anthony W. Gummer (Germany)

8:25   Influence of low- and ultrahigh-frequency hearing thresholds on distortion product otoacoustic emissions (DPOAEs): An attempt to separate DPOAE generation mechanisms
       Jacek Smurzynski (USA)

8:50   Hearing threshold estimation using concurrent measurement of DPOAEs and ASSRs
       Thomas Rosner, Florian Kandzia, Johann Oswald, Thomas Janssen (Germany)

9:05   TT-ECochG and ABR recorded at high rate stimulation (100-1000/s) in patients with cochlear and retrocochlear hearing losses
       Krzysztof Morawski, Jorge Bohórquez, Katarzyna Pierachła, Kazimierz Niemczyk, Özcan Ozdamar (Poland, USA)

9:25   Electrophysiological assessment of auditory pathway with the use of auditory steady-state response (ASSR)
       Sang-Heun Lee (Korea)

9:45   Loudness and auditory steady state responses
       José Juan Barajas de Prat (Spain)

Coffee break

10:00-10:30
STRUCTURED SESSION VII

“Audiovestibular manifestation of systemic diseases”

Chairperson: Linda Luxon (UK)

Audiovestibular manifestations in inherited disease  
Ewa Raglan (UK)

Audiovestibular manifestations of vascular disease  
Luisa Murdin (UK)

Audiovestibular manifestations of autoimmune disease  
Charlotte Agrup (UK)

Audiovestibular manifestations of neurological disease  
Rosalyn A Davies (UK)

Audiovestibular manifestations of neoplastic disease  
Doris-Eva Bamiou (UK)

Psychological Manifestations of Audiovestibular Disorders  
Linda M. Luxon (UK)

CONFERENCE CLOSING

Lunch 12:30-12:45

Visit to Wawel Castle (tickets required) 14:00-16:30
SPEAKERS

Agrup Charlotte
Ashmore Jonathan
Aust Gottfried
Bamiou Doris-Eva
Barajas de Prat José Juan
Berruecos Pedro
Davies Rosalyn A.
Dubno Judy R.
Edwards Anita
Grandori Ferdinando
Guidetti Giorgio
Gummer Anthony W.
Hamid Mohamed
Henderson Donald
Ito Juichi
Janssen Thomas
Kamal Nadia
Kovacsovics Bea
Lee Sang-Heun
Léfèbvre Phillippe
Luxon Linda M.
Maki-Torkko Elina
Marshall Lynne

Martini Alessandro
Morawski Krzysztof
Murdin Luisa
Niemczyk Kazimierz
Oh Seung-Ha
Paludetti Gaetano
Pawlak-Osińska Katarzyna
Rabinowitz Peter
Raglan Ewa
Rask-Andersen Helge
Schindler Antonio
Schochat Eliane
Skarżyński Henryk
Śliwińska-Kowalska Mariola
Smurzynski Jacek
Soli Sigfrid D.
Thorbjorn Ledin
Ulmer Erik
Wang Qiu-ju
Wiskirska-Woźnica Bożena
Zehnhoff-Dinneisen am Antoinette

CHAIRPERSONS

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Barajas de Prat Jose Juan
Hamid Mohamed
Hassman-Poznańska Elżbieta
Henderson Donald
Józefowicz-Korczyńska Magdalena
Kochanek Krzysztof
Konopka Wiesław
Lee Sang-Heun
Léfèbvre Philippe
Luxon Linda
Martini Alessandro
Morawski Krzysztof
Maki-Torkko E

Obrebowski Andrzej
Pollak Agnieszka
Rabinowitz Peter
Rask-Andersen Helga
Sekula Alicja
Skarżyński Henryk
Soli Sigfrid D.
Stephens Daffy
Śliwińska-Kowalska Mariola
Uhlén Inger
Wang Qiu-ju
Wiskirska-Woźnica Bożena
Zehnhoff-Dinneisen am Antoinette
PHARMACEUTICAL COMPANIES

COMERCIAL EXIBITION

1. Videomed
2. Ronest
3. Starkey Laboratories
4. Medicus
5. Vitamed
6. Fonikon
7. Siemens
8. Kind – aparaty słuchowe
9. Medag
10. Optec
11. Electro-Oxigen
12. Pierre Fabre
13. Oticon
14. Zentiva
15. Domowe Sanatorium
16. DiagNova Technologies
17. Solinea
18. Mary Kay
**The Wieliczka Salt Mine**

The place often referred to as the ‘Underground Salt Cathedral of Poland,’ dates back to mid-13th century. It is 327 m deep and over 300 km long. Every year millions of tourists are tempted to come and admire its magnificent 20 chambers displaying historic and mythical figures on the area of approx. 3 km of tourist route. Among multiple attractions underground, tourists will enjoy a ferry crossing at a saline lake with Treasurer, the good spirit of the Mine. There are numerous events organized here: musical concerts, arts exhibitions, or even such extreme sports enterprises as balloon flights or bungee jumping. The Wieliczka Salt Mine, one of the world’s oldest salt mines, has well deserved its place on UNESCO list of the World Heritage Sites since 1978.

Half day trip, starting time – 13:00 at Hotel Qubus
Sunday, 19 September

**The Wawel Hill**

The settlement on the Wawel Hill dates back to as early as 100 thousand years B.C. For years it was the centre of political power in Poland. The Wawel Royal Castle served as a coronation place for Polish monarchs. Today tourists are invited to step into state rooms, royal private apartments or crown treasury and armoury, where the sword Szczerbiec, used in coronation ceremonies, is displayed. The Wawel Cathedral houses the tombs of Polish monarchs, and other renowned Polish personages. It is here that the Sigismund Bell hangs, announcing only significant events. A legend tells that if the bell’s heart breaks, hard times for Poland will come. But touching its heart will bring nothing but luck.

3-hr trip, starting time – 14:00 at Hotel Qubus
Wednesday, 22 September

**Zakopane**

Zakopane, situated at the foot of the Tatra Mountains, has the highest elevation (750-1,126 m) of all Polish cities. In the second half of the 19th century it started to enjoy a reputation of a flourishing cultural centre, associated with many famous Polish artists, such as Kazimierz Przerwa-Tetmajer, Stanisław Ignacy Witkiewicz, and Jan Kasprowicz. Zakopane will be a good starting point for wandering in the Tatra National Park. The city is also unofficially known as „the winter capital of Poland”.

1-day trip, starting time – 9:00 at Hotel Qubus
Thursday, 23 September
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MEDITON

101/109 Sienkiewicza Street,
Apt. 115
90-301 Lodz

www.mediton.eu