World Hearing Center
Of the Institute of Physiology and Pathology of Hearing
Dr. Willmar Schwabe Satellite Symposium

**Tinnitus – Ringing the changes with EGb 761®**

May 22nd, 2017 /// 2:30 – 3:30 pm /// Warsaw Marriott Hotel /// Level 3, Room Baltic I

Chair: Doc. MUDr. Dr. med. Aleš Hahn

- **Professor Lisheng Yu**
  - **Compensated and uncompensated chronic tinnitus**

- **MUDr. Klára Procházková**
  - **EGb 761® - tinnitus treatment with a plus**
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The 4th International Symposium on Otosclerosis and Stapes Surgery
Poland, Cracow, 6-7 April 2018

President:
Prof. Henryk Skarżyński,
dr hab. med. dr h.c. (mult)

Stapes surgery:
• otosclerosis
• congenital malformations
• postraumatic damage
• tympanosclerosis
• postinflammatory damage
• postoperative failures

www.otosclerosis2018.com
Dear Guests, Colleagues and Friends,

I am pleased and honored to welcome you at the 1st World Tinnitus Congress and the XII International Tinnitus Seminar in Warsaw.

The World Tinnitus Congress is a new initiative grown from many discussions with researchers in the field of tinnitus, participants and faculty members of previous ITS conferences and candidates looking to organize future meetings. They highlighted that the scope of the scientific subject area covered by the International Tinnitus Seminar has, since its conception in 1979, far outgrown the frames of a seminar meeting. Today it is a significant intercontinental event on a global map of scientific meetings in hearing science.

Tinnitus research meets with growing social and clinical interest, as number of people suffering from tinnitus is growing steadily all over the world. There is a strong demand for strategies and therapies to prevent and alleviate tinnitus. Our primary aim in organizing this congress is to bring together the experienced and up-and-coming scientists and clinicians to actively discuss the latest ideas, results and challenges. We shall consider it our success when this congress sparks new insights to be applied in research and clinical work.

Warsaw is a superb location to hold a global congress – in center of Europe, with good flight connections to major cities worldwide and excellent congress and hotel infrastructure. With population of 1.7 million it is the largest Polish city, a thriving economic, political, and cultural center. It is worth spending a few days in order to experience its unique atmosphere. The city’s diversity means that there is something for everyone. I am certain that it will be a pleasant and enriching time for all participants.

I wish you a productive and interesting meeting. Enjoy your stay in Warsaw!

Prof. Henryk Skarżyński
MD, PhD, Dr h.c. multi
President of the 1st World Tinnitus Congress and the XII International Tinnitus Seminar
The history of the World Tinnitus Congress and the International Tinnitus Seminar reaches back to 1979, when the first International Tinnitus Seminar had been organized by Barbara Goldstein and Abraham Shulman from the State University of New York with an objective to foster free exchange of the latest scientific and clinical ideas and findings in tinnitus studies.

During the nearly 40 years since that first Seminar, eleven International Tinnitus Seminars have been held all over the world. Tinnitus experts have met every three – four years to discuss their newest research results, new diagnostic and therapeutic methods and approaches to tinnitus. In that time, a new scientific and clinical discipline has emerged, focusing on tinnitus and the tinnitus patient, identified as tinnitology.

Tinnitology integrates basic sciences, neuroscience, and clinical medicine in search for the understanding of aberrant auditory phenomena unrelated to an external source of sound. Its scientific, clinical and social significance draws more and more attention in a modern world,
where tinnitus afflicts a growing number of people. Patients demand new strategies and therapies to prevent and alleviate their complaints. The International Tinnitus Seminars have been bringing together scientists and clinicians to actively search for new ideas and concepts that will be applied in research and clinical work.

With 40 years of tradition, this conference is presently the principal international, scientific and clinical event in the field of tinnitus. Its scope has far outgrown the frames of a seminar meeting. Thus the initiative of the World Tinnitus Congress was born, the new name to symbolically underline the fact that today this meeting is the major intercontinental event on a global map of scientific meetings in hearing science and the main world’s forum of tinnitology research.

The first World Tinnitus Congress taking place in Warsaw on 22-24 May 2017 upholds and continues the tradition of the International Tinnitus Seminars. In this new format the congress provides the appropriate framework for increasing the attention and resources dedicated to tinnitus research. Today they are still disproportionately small compared to the large number of sufferers. We trust that the interdisciplinary exchange of knowledge on the forum of the 1st World Tinnitus Congress will be instrumental to finding a key to understanding the origination of tinnitus, finding the efficient methods of alleviating the symptoms and ultimately finding a cure for tinnitus.
ORGANIZING COMMITTEE

President
Prof. Henryk Skarzynski, MD, PhD, Dr h.c. multi (Poland)

Scientific Secretary
Ass. Prof. Piotr H. Skarzynski, MD, PhD, MSc (Poland)

Faculty
Antti Aarnisalo (Finland)                  Malgorzata Ganc (Poland)
Olusesi AD (Nigeria)                      Jensy Gangan (India)
Adeyi A. Adoga (Nigeria)                 Richard Gault (United Kingdom)
Venkataraja Aithal U. (India)            Anna Geremek-Samsonowicz (Poland)
Silviu Albu (Romania)                    Barbara Goldstein (USA)
Gerhard Andersson (Sweden)               Aazh Hashir (United Kingdom)
Heike Argstatter (Germany)               Gerhard Hesse (Germany)
David Baguley (USA)                      Joyce Jeanne Lim Bee Hong (Singapore)
Bogusław Baranski (Poland)               Chii-Yuan Huang (Taiwan)
Stefania Barozzi (Italy)                 Fatima Husain (USA)
Grazyna Bartnik (Poland)                 Juen-Haur Hwang (Taiwan)
Carol A. Bauer (USA)                     Petteri Hyvärinen (Finland)
Natan Bauman (USA)                       Daniela Ivanšić-Blau (Germany)
Goran Belojevic (Serbia)                 Oksana Iznar-Bogdanova (Ukraine)
Langguth Berthold (Germany)              Margaret M. Jastreboff (USA)
Cholpon Beysheeva (Kyrgyzstan)          Pawel J. Jastreboff (USA)
Giulia Cartocci (Italy)                  W. Wiktor Jedrzejczak (Poland)
Manuele Casale (Italy)                   Agnes Job (France)
Katarzyna Ciesla (Poland)                Linda Jüris (Sweden)
Rilana Cima (The Netherlands)            Anna C.S. Kam (China)
Anna Ciszek (Poland)                     Mohan Kameswaran (India)
Domenico Cuda (Italy)                    Karina Karendys-Luszcz (Poland)
Renata Cudejko (Poland)                  Jeannie Karlovitz (USA)
Rene Dauman (France)                     Lucyna Karpiesz (Poland)
Anna Dabrowska (Poland)                  Wojciech Kazmierczak (Poland)
Willem De Hertogh (Belgium)              Veronica Kennedy (United Kingdom)
Ann Deklerck (Belgium)                   Hannah Keppler (Belgium)
Vasco de Oliveira (Portugal)             Bakyt Kermalieva (Kyrgyzstan)
Luca del Bo (Italy)                      Young Ho Kim (South Korea)
Carolina Der (Chile)                     Tobias Kleinjung (Switzerland)
Dragoslava Djeric (Serbia)               Marlies Knipper (Germany)
Paolo Enrico (Italy)                     Krzysztof Kochanek (Poland)
Anna Fabijanska (Poland)                 Georgios Kontorinis (United Kingdom)
Marc Fagelson (USA)                      Vicky Kowalkowski (United Kingdom)
Alessandra Fioretti (Italy)              Roland Laszg (Germany)
Craig Formby (USA)                       Thomas Lenarz (Germany)
Philippe Fournier (France)               Monika Lewandowska (Poland)
Bruno Frachet (France)                   Tien-Chen Liu (Taiwan)
Pamela Gabriels (USA)                    Alain Londero (France)
Artur Lorens (Poland)
Maciej Ludwikowski (Poland)
Katarzyna Łazecka (Poland)
Cezary Luszczy (Poland)
Manoj Manikoth (India)
Elizabeth Marks (United Kingdom)
Audrey Maudoux (Belgium)
Birgit Mazurek (Germany)
Manuela Mazzoli (Italy)
Jade McCune (United Kingdom)
Don McFerran (United Kingdom)
Laurence McKenna (United Kingdom)
Mario Milkov (Bulgaria)
Rafal Milner (Poland)
Stefan Mirchev (Bulgaria)
Guido Mühlmeier (Germany)
Pravin Mundada (Singapore)
Iwona Niedzialek (Poland)
Artur Niedzielski (Poland)
Iris Nowak-Maes (The Netherlands)
Vinay Swarnalatha Nagaraj (Norway)
Carlos A Oliveira (Brasil)
Yahav Oron (Israel)
Desiderio Passàli (Italy)
Marisa Pdemonte (Uruguay)
John S. Phillips (United Kingdom)
Martin Pienkowski (Canada)
Stefan K. Plontke (Germany)
Sergey Puchlik (Ukraine)
Sarah Rabau (Belgium)
Danuta Raj-Koziak (Poland)
Åke Reimer (Sweden)
Larry Roberts (Canada)
Dario Roitman (Argentina)
Tanit Ganz Sanchez (Brazil)
Izabela Sarnicka (Poland)
Roland Schaette (United Kingdom)

Winfried Schlee (Germany)
Holger Schulze (Germany)
Giriraj Singh Shekhawat (New Zeland)
Susan Shore (USA)
Abraham Shulman (USA)
Jae-Jin Song (Korea)
Georg Mathias Sprinzl (Austria)
Magdalena Sosna (Poland)
Olivier Sterkers (France)
Carmela Stillitano (Belgium)
David Stockdale (United Kingdom)
Robert J. Stokroos (The Netherlands)
Josef Syka (Czech Republic)
Agnieszka Szczepak (Germany)
Agata Szkielkowska (Poland)
Dorota Szuber (Poland)
Lech Sliwa (Poland)
Glynnis Tidball (Canada)
Michael Tong (Hong Kong)
Anissa Tse (Switzerland)
Jeremy G. Turner (USA)
Richard Tyler (USA)
Irena Urban (Poland)
Grażyna Urbanska (Poland)
Kamchbek Uzakbaev (Kyrgyzstan)
Paul van de Heyning (Belgium)
Pim van Dijk (The Netherlands)
Sven Vanneste (USA)
Veronika Vielsmeier (Germany)
Ernst von Wallenberg (Switzerland)
Myriam Westcott (Australia)
Mark Williams (United Kingdom)
Tomasz Wolak (Poland)
Thomas Zacharia (India)
Jinsheng Zhang (USA)
Mario Zernotti (Argentina)

Organizing Team
ORGANIZERS

World Hearing Center
Of the Institute of Physiology and Pathology of Hearing

Institute of Sensory Organs

VENUE

Warsaw Marriott Hotel
Al. Jerozolimskie 65/79, Warsaw 00-697, Poland.

In strict city centre, next to the Central Railway Station and vis-à-vis with the Palace of Culture (Palac Kultury), makes it easy to experience the best of Warsaw. Its 2,600 m² of high-tech conference spaces in up to 20 flexible event rooms guarantee smooth running of the congress and convenient accessibility of all sessions.
XXXV
World Congress of AUDIOLOGY
2020, Warsaw, Poland
FLOORPLAN

Level 2

Level 3
The TRV Repositioning Chair

User-friendly features
- Rotation in the exact plane of each canal
- Easy operation
- Safe for all patients
- Manually controlled
- Effective rehabilitation

State of the art chair for diagnosing and treating Benign Paroxysmal Positional Vertigo (BPPV)

- Diagnosis and treatment of BPPV in all 6 semicircular canals
- Stimulation in the exact plane of each semicircular canal
- Add kinetic energy for better treatment results
- Pre-set movements and positions
- Comfortable for both patient and user

```
"The TRV Chair is a true revolution within the treatment of dizziness as more than half of all patients presenting in our clinic with dizziness suffer from BPPV"
```

Mads Klokker,
Head of O.R.L., H & N Surgery and Audiology, Assoc. Prof., Rigshospitalet, University of Copenhagen

Interacoustics is a world leading diagnostic solutions provider in the fields of hearing and balance assessment. We help the professional audiologic world reach new milestones through continuous developments and a constant focus on integration and direct customer value.
LIST OF PARTNERS

Platinum Partner

[Image]

Golden Partners

[Image]

Silver Partners

[Image]

Partners

[Image]
Announcing the world’s best electrophysiological and vestibular assessment technologies

From ONE source, on ONE platform, for the first time

CE-Chirp® Stimulus Family

“Our work has shown that narrow-band CE-Chirps® offer frequency-specific testing in typically half the time taken by tone pips. Given that a sleeping baby is a ticking time bomb waiting to go off, that’s an advantage you can’t afford to pass up. It’s frustrating that not all ABR systems offer this stimulus.”

Dr Guy Lightfoot

The Eclipse
- ABR, ASSR generation II, & OAE testing on one dedicated platform

Eclipse EP25

The most popular, best-selling ABR system in the world
- ABR, ASSR and OAE testing on one high-performance platform
- Reduces test times by as much as 50% with the patented CE-Chirp® stimuli
- Quantified results with statistical Fmp and Residual Noise monitor
- Pre-loaded and customizable test protocols

VisualEyes™ 515/525

The fastest, easy-to-use and intuitive VNG
- Automatic real-time and precise analysis
- Intuitive touch-enabled user interface
- Advanced customizable protocols
- Superior pupil tracking and high-quality video

Interacoustics is a world leading diagnostic solutions provider in the fields of hearing and balance assessment. We help the professional audiologic world reach new milestones through continuous developments and a constant focus on integration and direct customer value.

Oticon Polska Tel: 22 164 65 00 diagnostyka@oticon.com interacoustics.com
CONGRESS REGISTRATION AND INFORMATION

Congress office and speakers’ room working hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Working Hours</th>
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<tbody>
<tr>
<td>Sunday, 21 May</td>
<td>8:00 – 18:00</td>
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<tr>
<td>Monday, 22 May</td>
<td>8:00 – 18:00</td>
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<tr>
<td>Tuesday, 23 May</td>
<td>8:00 – 17:00</td>
</tr>
<tr>
<td>Wednesday, 24 May</td>
<td>8:00 – 18:00</td>
</tr>
</tbody>
</table>

Attention presenters: please bring your slides to the speaker’s room on a USB flash drive at least 2 hours before the start of your session.

Congress registration desk working hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Working Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, 21 May</td>
<td>8:00 – 18:00</td>
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<tr>
<td>Monday, 22 May</td>
<td>8:00 – 18:00</td>
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<tr>
<td>Tuesday, 23 May</td>
<td>8:00 – 17:00</td>
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<tr>
<td>Wednesday, 24 May</td>
<td>8:00 – 12:00</td>
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</table>

On-site registration

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular fee</td>
<td>670 EUR</td>
</tr>
<tr>
<td>Under 35 years Active Participant</td>
<td>90 EUR</td>
</tr>
<tr>
<td>Under 35 years Passive Participant</td>
<td>150 EUR</td>
</tr>
</tbody>
</table>

On-site payments can be made by credit card or cash in EUR or equivalent in PLN (exchange rate: National Bank of Poland official rate).

Registration to parallel conferences

Participants registered to 1st World Tinnitus Congress and XII International Tinnitus Seminar have access to the scientific sessions of the XXV International Evoked Response Audiometry Study Group (IERASG) Biennial Symposium.

Registration fee includes

- Admission to all scientific sessions
- Admission to exhibition

Congress Badges

- Brown – Regular Participant
- Grey – Partner
- Coral – Organizer
- Purple – Accompanying person
- Blue – Media
- Orange – One-day Congress Pass

Presentations

Oral presentations

Slides must be prepared in format compatible with Microsoft PowerPoint, Windows Version 7 and delivered to the speakers’ room on a USB flash drive not later than 2 hours before the start of your session during the Congress Office working hours.

Posters

Poster session will include only electronic posters (e-posters) delivered by email to science@its2017.com before 7 May 2017. No late delivered posters will be displayed.

Language

The official Congress language is English.

First Aid

For medical assistance or emergency service please contact our staff at the Congress Office.

WORLD TINNITUS CONGRESS AND INTERNATIONAL TINNITUS SEMINAR 2020

- The Candidates for the World Tinnitus Congress and International Tinnitus Seminar 2020 Organizer are:
  - Bishkek, Kyrgyzstan
  - Taipei, Taiwan
  - Vancouver, Canada
  - Tel Aviv, Israel

- Voting will take place on 24 May, Wednesday, at 15:00
- Room: Baltic II&III
Benefits in paediatric testing

1. **Multiple tympanograms**
   - Save time with fewer measurements.
   - 226-1000 Hz in a single sweep

2. **Improved sensitivity**
   - Improved accuracy over standard tympanometry

3. **Stable and robust recordings**
   - Clear results with noisy children

4. **Know your type C tympanogram**
   - Know when OME is present in the middle ear

5. **Seeing through pressure equalization tubes**
   - Examine the middle ear beyond the PE tube

**Wideband Tympanometry**

outperforms traditional impedance measurements!

WBT with multiple tymps including 226 Hz and 1 kHz in one sweep is an unmatched tool in pediatric assessment!

Interacoustics

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Oticon Polska     Tel: 22 164 65 00     diagnostyka@oticon.com     interacoustics.com
GENERAL INFORMATION

Transport
Warsaw Fryderyk Chopin Airport is located in the southwest part of Warsaw, approximately 10 km from the city center. The airport can be easily accessed by car, public bus service or taxi.

Public transport in Warsaw
http://www.ztm.waw.pl

Tourist information
http://www.warsawtour.pl/en

Currency
The currency in Poland is the Polish Zloty, PLN (often written zl). Present exchange rates can be found at http://www.nbp.pl/.

Credit cards
Commonly accepted credit cards are Visa, Master Card and Diners. American Express is less popular. Restaurants and shops usually display signs indicating what cards they accept.

Insurance
The Congress Organizers do not accept any liability for personal injuries or for loss or damage to property belonging to conference participants, either during or as a result of the conference. It is recommended that you purchase an appropriate insurance policy in your country of origin.

Shopping
Shopping hours are Monday to Friday 8:00 – 19:00 and Saturday 9:00 – 14:00. Shopping malls and most supermarkets are open also on Sunday 10:00 – 21:00.

Useful Telephone Numbers
Emergency 112
Dialing code for Poland +48

SOCIAL PROGRAM

Welcome reception
22 May 2017 (Monday)
18:30 – 20:30
PKiN – Pałac Kultury i Nauki
Ratuszowa Hall
(entrance from Marszałkowska street)
http://www.pkin.pl/

Dress code: business casual

Networking evening meeting
23 May 2017 (Tuesday)
18:30 – midnight
Kajetany

Transportation:
Organizers will provide bus transportation from Marriott hotel to Kajetany and return. Bus schedule will be available at Congress Registration Desk and Congress Office.

Dress code: casual
International peer-reviewed scientific journal for:

- ENT specialists, audiologists, acousticians, speech therapists, psychologists, clinical engineers
- specialists in related fields
- those seeking knowledge at the highest scientific level
- those willing to share their research results and experience in their work with patients with hearing, speech and balance disorders on the international arena

We publish:

- original articles
- review articles
- case studies
- news on trends in clinical practice and education
- conference materials and abstracts
- special reports on important scientific events
- reviews of scientific published works
## SCIENTIFIC PROGRAM

### Timetable

<table>
<thead>
<tr>
<th>Hour</th>
<th>22 MAY 2017 (Monday)</th>
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<tbody>
<tr>
<td></td>
<td>BALITC I</td>
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<td>8:30</td>
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<td>9:30</td>
<td>ROUND TABLE</td>
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<tr>
<td></td>
<td>Tinnitus Diagnosis and Treatment</td>
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<td>11:00</td>
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<tr>
<td>11:30</td>
<td>OPENING SESSION</td>
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<td>11:40</td>
<td>TONNDORF LECTURE</td>
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<td>12:00</td>
<td>Presidential Lectures</td>
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<td>13:00</td>
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<tr>
<td>14:30</td>
<td>SATELLITE SYMPOSIUM</td>
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<td></td>
<td>Tinnitus – Ringing the changes with EGB 761*</td>
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<tr>
<td>15:30</td>
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<tr>
<td>16:00</td>
<td>ROUND TABLE</td>
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<tr>
<td></td>
<td>Tinnitus – Basic Research and Animal Models</td>
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<td>17:00</td>
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### WELCOME RECEPTION
<table>
<thead>
<tr>
<th>Hour</th>
<th>BALTIC I</th>
<th>BALTIC II&amp;III</th>
<th>CONGRESS HALL</th>
<th>KOMETA</th>
<th>WISLA</th>
<th>GRAND BALLROOM ABC</th>
<th>FOYER LEVEL 2, 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>PANEL DISCUSSION</td>
<td>SESSION Cognitive Behavior Therapies</td>
<td>SESSION Somatosensory Tinnitus</td>
<td>WORKSHOP Person-centered Care in Tinnitus Management</td>
<td></td>
<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<tr>
<td>10:00</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>10:30</td>
<td>PANEL DISCUSSION Challenging Tinnitus Patients – How We Can Help Them?</td>
<td>ROUNDTABLE Cochlear Implantation and Tinnitus</td>
<td>SESSION Neuroimaging and Neuronal Networks</td>
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<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<tr>
<td>12:00</td>
<td><strong>LUNCH</strong></td>
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<tr>
<td>13:00</td>
<td>SESSION New Technologies in Tinnitus Treatment</td>
<td>ROUNDTABLE Tinnitus and Hyperacusis in Children</td>
<td>SESSION Ethiologies of Tinnitus</td>
<td>SESSION Tinnitus Characterization</td>
<td>JOURNAL OF HEARING SCIENCE – Meeting of The Editorial Board Members</td>
<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<td>13:40</td>
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<tr>
<td>14:30</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>15:00</td>
<td>SESSION Surgical Interventions</td>
<td>PANEL DISCUSSION Music Based Interventions in Tinnitus</td>
<td>SESSION Hyperacusis &amp; Misophonia</td>
<td>WORKSHOP Treatment of Central Auditory Processing Disorders Using the SPPS Skarzynski Method</td>
<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<tr>
<td>16:30</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>17:00</td>
<td><strong>TRANSPORT TO KAJETANY</strong></td>
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<tr>
<td>18:30</td>
<td><strong>NETWORKING EVENING MEETING</strong></td>
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<td>Hour</td>
<td>BALTIC I</td>
<td>BALTIC II&amp;III</td>
<td>WISŁA</td>
<td>GRAND BALLROOM ABC</td>
<td>FOYER LEVEL 2, 3</td>
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<tr>
<td>8:30</td>
<td>SESSION Psychotherapy in Tinnitus Treatment</td>
<td>SESSION Mechanisms of Tinnitus Generation</td>
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<td>POSTER SESSION</td>
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<td>10:00</td>
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<tr>
<td>10:30</td>
<td>ROUND TABLE Telemedicine</td>
<td>SESSION Neuronal Stimulation Treatments</td>
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<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<td>11:10</td>
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<td>11:20</td>
<td>SESSION Genetic-Based Ethiologies</td>
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<td>12:00</td>
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<tr>
<td>13:00</td>
<td>ROUND TABLE Somatosensory Tinnitus: Possible Causes, Diagnostic Procedures and Interventions</td>
<td>SESSION Interventions</td>
<td>NOWA AUDIOFONOLOGIA – Meeting of The Editorial Board Members</td>
<td>POSTER SESSION</td>
<td>EXHIBITION</td>
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<td>COFFEE BREAK</td>
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<td>15:00</td>
<td>Presentations of the Candidates for the World Tinnitus Congress /International Tinnitus Seminar 2020 Organizer</td>
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<td>POSTER SESSION</td>
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</table>
Connect SENTIERO to your PC via USB and use the new remote control software to display all results live on a large display screen. Use your mouse and QWERTY keyboard to enter patient data and edit protocols in seconds… All diagnostic features are accessible whether connected to a PC or from the handheld device standalone, offering maximum flexibility! Remote control ALL of your test modules, even ASSR! Leave out all the troublesome connectors with just one USB cable required to install SENTIERO into a sound-proof booth. SENTIERO still offers outstanding binaural OAE measurements and the patented DPOAE threshold estimation software, providing an objective cochlear audiogram. Pure tone and speech audiometry tests are extended too! Check out our new speech test modules and live speech option / recorded CD option.
1st World Tinnitus Congress
XII International Tinnitus Seminar

22 MAY 2017 (Monday)

### Detailed Program

**Congress Room**  
**BALTIC I & BALTIC II&III**

#### ROUND TABLE  
**Tinnitus Diagnosis and Treatment**  
**Moderator:** Hesse G.  
**Panelists:** Sereda M., Lapira A., Cima R., Hesse G., Mazurek B.

#### COFFEE BREAK  
11:00-11:30

#### OPENING SESSION  
**Opening Speech** – Prof. Henryk Skarzynski

#### TONNDORF LECTURE  
11:40-12:00

#### PRESIDENTIAL LECTURE  
**Tinnitus & Hearing Implants** – Skarzynski P.H.

#### PRESIDENTIAL LECTURE  
**Stress & Tinnitus** – Mazurek B.

#### PRESIDENTIAL LECTURE  
**On the Way to Understanding the Cure of Tinnitus** – Ganz-Sanchez T.

#### LUNCH  
13:00-14:30

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**Congress Room**  
**BALTIC I**

#### SATELLITE SYMPOSIUM  
**Tinnitus – Ringing the Changes with EGb 761**  
Dr. Willmar Schwabe Pharmaceuticals

#### COFFEE BREAK  
15:30-16:00

#### ROUND TABLE  
**Tinnitus – Basic Research and Animal Models**  
**Moderator:** Szczepak A.  
**Panelists:** Hatzopoulos S., Schulze H., Cederroth Ch.

---

**Congress Room**  
**BALTIC II&III**

#### SESSION  
**Tinnitus in Children**  
**Chairpersons:** Nemholt Rosing S., Boboshko M., Raj-Koziak D., Sosna M.

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### Talks

#### O.002  
14:30  
Decreased speech-in-noise understanding in normal hearing young adults with tinnitus: evidence for ‘hidden hearing loss’  
Annick G., Schlee W., Rabau S., Wouters K., Fransen E., Van de Heyning P.

#### O.017  
14:40  
Listening effort in normal-hearing young adults with chronic tinnitus  
Degeest F., Keppler H., Corthals P.

#### O.045  
14:50  
The evolution of hearing in young adults  
Kedzierawska S., Niedzielski A., Al-Jazani A., Mielnik-Niedzielska G.

#### O.069  
15:10  
Demographic data, referral patterns and interventions used for children and adolescents with tinnitus and hyperacusis in Denmark  
Nemholt Rosing S., Kapandais A., Hvass Schmidt J., Baguley D.M.

#### O.082  
15:20  
Prevalence of tinnitus in school-child age children  
Piotrowska A., Raj-Koziak D., Tarczyński K., Skarzynski H.

#### O.099  
15:30  
Surgical treatment of tinnitus in the youngest boy with otosclerosis in the world  
Skarzynski H., Boruta M., Plichta Ł., Raj-Koziak D., Dziendziel B., Skarzynski P.H.

#### O.016  
16:20  
Bibliotherapy approach in tinnitus patients  
de Oliveira V., Meneses R.F., Trigueiros N.

#### O.038  
16:30  
Results of an Interdisciplinary Day Care Approach for Chronic Tinnitus Treatment  
Ivansic D., Dobel C., Volk G.F., Reinhart D., Müller B., Smolenski U.C., Guntinas-Lichius O.

#### O.049  
16:40  
Tinnitus in a Multi-disciplinary Setting – a Danish approach  
Kristensen R.B.

#### O.067  
16:50  
The clinician might be more helpful than the protocol!  
Mohr A., Tyler R.

#### O.084  
17:00  
Shared Decision Making in the tinnitus clinic – what are patient preferences for treatment?  
Pryce H., Cullane B.A., Swift S., Claesen B., Shaw R., Hall A.
A psychologically informed, audiologist-delivered, manualised intervention for tinnitus

Taylor J., Thompson D., Hall D., Walker D-M., McMurran M., Casey A., Stockdale D., Featherstone D., MacDonald C., Hoare D.

Prospective Assessment of an innovative and multidisciplinary Treatment Protocol for Chronic Tinnitus in 660 patients

Timsit A.C., Fain G., Lamas G., Bebear J.P., Gatignol P., Penkala F.

Cochlear Implants in Tinnitus Treatment

Chairpersons: Tyler R., Mertens G., Lorenz A., Walkowiak A.

Cochlear Implants and Tinnitus Treatment

Tyler R.

Cochlear implant as a treatment for tinnitus in unilateral hearing loss

Lorenz A., Kruszynska M., Obrzycka A., Pastuszak D., Skarzynski P.H., Raj-Kozik D., Skarzynski H.

Cochlear Implantation as a Long-Term Treatment for Ipsilateral Incapacitating Tinnitus in Subjects with Unilateral Hearing Loss up to 10 years

Mertens G., van de Heyning P.

Nucleus® Cochlear Implants as Treatment Option for Patients with Unilateral Hearing Loss and accompanying Severe Tinnitus and Hyperacusis

Ramos Macías A., Falcón González J.C., Manrique M., Morera C., García-Ibáñez L., Cenjor C., von Wallenberg E., Coudert-Koall C., Killian M.

The pre – and postoperative assessment of frequency and severity of tinnitus distress among adult patients qualified for cochlear implant in WHC IFPS

Skarzynski P.H., Swierniak W., Kutyba J., Rajchel J.J., Penar K., Skarzynska M.B.

Suppression of Tinnitus after Cochlear Implantation

Seyvas E., Heslinga K., Knief A., Rudack C.

The effect of cochlear implantation on tinnitus perception

Deklerck A., Keppeler H., Swinnen F., Dhooge I.

Usher Syndrom: treatment of hearing loss and tinnitus

Tomasek E., Oainska H., Skarzynski P.H., Dziendziel B., Skarzynska M.B.

Cochlear Implantation as a Treatment modality for Tinnitus in Subjects with Hearing Loss: A Preliminary Report

Chih-hui A., Kung-pai C.E., Lieber C., Li P.

WORKSHOP

Hyperacusis Induced Pain: Mechanisms and Treatment

Westcott M.

COFFEE BREAK

15:30-16:00

SESSION

Assessment and Diagnostics

Chairpersons: Mazurek B., Deklerck A., Karpiasz L., Rajchel J.J.

Visual Analog Scales as a Tool for Tinnitus Measurement: psychometric evaluation


National linguistic validation of the THI.

Assessment of disability caused by tinnitus in chilean spanish-speaking population

Der C., Alzérreca E., Román L., Zamorano I., Malhue J., Aliaga P., Coronell I., Sarda S.

Cross cultural adaptation of the Chinese Tinnitus Functional Index

Kam A.C.S.

Psychometric Evaluation of the Polish version of Tinnitus and Hearing Survey


Reproducibility of the residual inhibition response

Deklerck A., Keppeler H., Degeest S., Dhooge I.

Examining the Validity of a New Tinnitus Pitch Matching Method

Williams M., Hauptmann Ch.

A Polish adaptation of the Tinnitus Handicap Inventory: a study of validity and reliability.


An outcome selection process for a psychological tinnitus intervention


SESSION

Sound- and Music-Based Therapies

Chairpersons: Pantev C., Argstatter H., Sakamoto H., Czajka N.

Tinnitus perceot during altered states of consciousness – influence of two different, music based techniques

Argstatter H., Peschen E.

Tinnitus therapy: results of ZEN method in patients with and without hearing loss

Der C., Pons N., Aránguiz F., Escobar B.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:50</td>
<td>Clinical evaluation of customized filtered sound for tinnitus relief</td>
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<td>Kam A.C.S</td>
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<tr>
<td>10:00</td>
<td>Subcortical plasticity in tinnitus subjects following exposure to short</td>
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<td>and intense notched music training</td>
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<td></td>
<td>Omidvar S., Jafari Z., Mahmoudian S., Khabazkhoob M., Ahadi M.</td>
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<tr>
<td>10:10</td>
<td>Neuro-modulatory sound treatment of tonal tinnitus based on “inhibition-</td>
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<td>induced” cortical plasticity</td>
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<td></td>
<td>Pantev C.</td>
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<td>10:20</td>
<td>Change of the tinnitus pitch with the tinnitus sound therapy</td>
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<td>Sakamoto H., Kato S., Kosugi Y., Haruta Y., Sakashita T., Iguchi H.</td>
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<tr>
<td>10:30</td>
<td>Effectiveness of fractal tones on improvement of the functional score</td>
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<td>among chronic tinnitus patients: an open-label pilot study</td>
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<td></td>
<td>Simonetti P., Garcia Vasconcelos L., Oiticica J.</td>
</tr>
</tbody>
</table>

**COFFEE BREAK 11:00-11:30**

**WORKSHOP 14:30-15:30**

Treatment of Central Auditory Processing Disorders Using the Stimulator of Polymodal Sensory Perception (SPPS) – Skarzynski Method

**COFFEE BREAK 15:30-16:00**

**PRESIDENTIAL LECTURE 16:00-17:00**

EEG Based brain function Imaging (film)

Schulman A.

**Congress Room WISŁA**

**WORKSHOP 9:30-11:00**

Non-Sedated ASSR with Sentiero Advanced

**COFFEE BREAK 11:00-11:30**

**WORKSHOP 16:00-17:00**

ReSound Relief – How Mobile Application Can Help Fight Tinnitus

**Congress Room GRAND BALLROOM ABC**

**POSTER SESSION 8:30-16:30**

**WELCOME RECEPTION 18:30**
Stop the vicious circle of tinnitus

The ReSound Smart™ and ReSound Relief™ apps provide even more options to control tinnitus. Your patients may choose between a wide range of therapeutical sounds to alleviate tinnitus: starting from the sounds of nature and finishing on their favourite tracks. Those sounds may at ease be streamed directly to their hearing aids and help your patients divert their attention away from tinnitus.

ReSound Smart™ and ReSound Relief™ apps help your patients to stop the vicious circle of tinnitus and find relief, thanks to soothing background sounds.
### 23 MAY 2017 Tuesday

#### Congress Room  BALTIC I

#### PANEL DISCUSSION  8:30-10:00

**The European TINNET COST Action – Aims and Goals**

- **Moderators:** Kleinjung T., Schlee W.
- **Panelists:** Cima R., Mazurek B., Meyer M., Schlee W., Kleinjung T.

#### COFFEE BREAK  10:00-10:30

#### PANEL DISCUSSION  10:30-12:00

**Challenging Tinnitus Patients – How We Can Help Them?**

- **Moderator:** Bartnik G.
- **Panelists:** Mohr A.M., Fagelson M., Hesse G., Sanchez T., Fabijanska A.

#### LUNCH  12:00-13:00

#### SESSION  13:00-14:35

**New Technologies in Tinnitus Treatment**

- **Chairpersons:** Krumm M., McNeill C., Krol B., Pastuszak A.

<table>
<thead>
<tr>
<th>O.050</th>
<th>13:00</th>
<th>Contemporary Trends in Telehealth In Hearing Health Care</th>
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</thead>
<tbody>
<tr>
<td>O.035</td>
<td>13:10</td>
<td>A qualitative analysis of threads in online support groups for tinnitus</td>
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<tr>
<td>O.028</td>
<td>13:20</td>
<td>Management of Clinically Significant Tinnitus; Retrospective and Current Trends</td>
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<tr>
<td>O.091</td>
<td>13:30</td>
<td>Combined amplification and sound generation for tinnitus: survey of UK clinical practice</td>
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<tr>
<td>O.024</td>
<td>13:40</td>
<td>Assessment of tinnitus oppressiveness with the TFI questionnaire after implantation of the CODACS system – a case study</td>
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<tr>
<td>O.092</td>
<td>13:45</td>
<td>Mobile applications for management of tinnitus</td>
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<tr>
<td>O.006</td>
<td>13:55</td>
<td>Audiology-guided Internet-delivered cognitive behavioural therapy for adults with tinnitus in the UK</td>
</tr>
<tr>
<td>O.102</td>
<td>14:05</td>
<td>Assessment of tinnitus in patients with Bonebridge hearing implant before the implantation of the device</td>
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</tbody>
</table>

### Congress Room  BALTIC II&III

#### SESSION  8:30-10:00

**Cognitive Behavior Therapies**

- **Chairpersons:** Jastreboff P.J., Jastreboff M.M., Mertens G., Pankowska A.

#### KEYNOTE LECTURE  8:30-9:15

**Cognitive aspects of tinnitus treatments**

- **Jastreboff P.J.**

#### SESSION  15:00-16:30

**Surgical Interventions**

- **Chairpersons:** Olze H., Ludwikowski M., Wawszczyk S.

<table>
<thead>
<tr>
<th>O.161</th>
<th>14:15</th>
<th>Tinnitus management for patients with Meniere's syndrome – a novel protocol using latest technology to address hearing fluctuation</th>
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</thead>
<tbody>
<tr>
<td>O.101</td>
<td>14:25</td>
<td>Assessment demandnessing tinnitus with patients qualified to implantation to Vibrant Soundbridge. Evaluation of the results before and after surgery</td>
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</table>

#### COFFEE BREAK  14:35-15:00

**SESSION  15:00-16:30**

**Surgical Interventions**

- **Chairpersons:** Olze H., Ludwikowski M., Wawszczyk S.

<table>
<thead>
<tr>
<th>O.009</th>
<th>15:00</th>
<th>Tinnitus in the patient with neuroendocrine adenoma of middle ear (NAME)</th>
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<tr>
<td>O.083</td>
<td>15:05</td>
<td>Revision surgery after unsuccessful surgical treatment of hearing loss and tinnitus in otosclerosis</td>
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<td>O.096</td>
<td>15:10</td>
<td>Stapedotomy in the only hearing ear with persistent tinnitus</td>
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<td>O.097</td>
<td>15:15</td>
<td>Preoperative assessment of tinnitus in adult patients qualified for stapes surgery</td>
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<td>O.100</td>
<td>15:20</td>
<td>Tinnitus evaluation method in adult patients with otosclerosis</td>
</tr>
<tr>
<td>O.106</td>
<td>15:30</td>
<td>Impact of stapes surgery on tinnitus in patient with osteogenesis imperfecta – a case study</td>
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</tbody>
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**Note:** The document provides a detailed schedule for the 1st World Tinnitus Congress and XII International Tinnitus Seminar, including panel discussions, sessions, and coffee breaks. Each section is categorized by time and location, with specific topics and contributors listed. The schedule covers a range of tinnitus-related discussions, from European TINNET COST Action aims to cognitive behavior therapies and surgical interventions.
The effectiveness of Tinnitus Retraining Therapy and Notched Noise Therapy for tinnitus: a randomized cross-over study
Kamysz G., Lurquin P., Thill M.P., Lechien J.R., Coulon E.

Cognitive Behavioural Therapy for Insomnia in the Context of Chronic Tinnitus
Marks E., McKenna L.

Mindfulness Based Cognitive Therapy for tinnitus: Results of a Randomized Controlled Trial
Marks E., McKenna L., Hallsworth C., Schaette R.

Changes in the resting-state cortical oscillatory activity 6 months after modified tinnitus retraining therapy
Song J-I., Jang J.H., Koo J-W., Vanneste S., De Ridder D.

COFFEE BREAK 10:00-10:30

ROUND TABLE 10:30-12:00
Cochlear Implantation and Tinnitus
Moderator: Olze H.
Panelists: Kleinjung T., Arts R.A.G.J., Todt I., Mertens G., Loren A.

LUNCH 12:00-13:00

ROUND TABLE 13:00-14:30
Tinnitus and Hyperacusis in Children
Moderators: Raj-Koziak D. & Kennedy V.
Panelists: Boboshko M., Hoare D., Nemholt Rosing S.

COFFEE BREAK 14:30-15:00

PANEL DISCUSSION 15:00-16:30
Music Based Interventions in Tinnitus
Moderator: Argstatter H.
Panelists: Pantev C., Nötzel A., Hoare D.
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<th>Time</th>
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<tr>
<td>11:30</td>
<td>Auditory and non-auditory resting-state functional connectivity in normal-hearing individuals with and without tinnitus: RsFMRI study</td>
<td>Minami S.B., Oishi N., Watabe T., Uno K., Ogawa K</td>
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<tr>
<td>11:40</td>
<td>Objective diagnosis of tinnitus using resting-state EEG big data-based support vector machine learning</td>
<td>Song J-I, Lee D., Choi I., Lee K.</td>
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</tbody>
</table>

**SESSION 12:00-13:00**

**LUNCH**

**SESSION 13:00-14:30**

**Ethiologies of Tinnitus**

Chairpersons: Fagelson M., Szczepek A., Oliveira C.A., Plight L.

**KEYNOTE LECTURE**

Ototoxicity and Tinnitus

Szczepek A.

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<th>Time</th>
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<tr>
<td>13:20</td>
<td>Temporal bone histopathology and tinnitus</td>
<td>Oliveira C.A.</td>
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<tr>
<td>13:30</td>
<td>Diagnostic problems and tinnitus treatment in Susac syndrome</td>
<td>Olszewska-Staron A., Oldak M., Dziendziel B., Skarzynski H.</td>
</tr>
<tr>
<td>13:35</td>
<td>Tinnitus among patients with hypertension</td>
<td>Kazmierczak W., Janiak-Kiszka J.</td>
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<tr>
<td>13:45</td>
<td>Prevalence of tinnitus in occupational noise induced hearing loss population in Hong Kong</td>
<td>Tong M.C.F., Yeung K.Y.</td>
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<tr>
<td>14:00</td>
<td>Tinnitus and hidden lesions of the temporal bone</td>
<td>Dieric D.</td>
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<tr>
<td>14:10</td>
<td>Role of stressful life events as the precipitating factor for chronic tinnitus</td>
<td>Yildirim N., Aksoy S., Erdogan O.</td>
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<tr>
<td>14:20</td>
<td>Treatment of tinnitus after a traumatic injury of the middle ear</td>
<td>Boruta M., Skarzynski P.H., Kazcynska B., Dziendziel B., Skarzynski H.</td>
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**COFFEE BREAK 14:25-15:00**

**SESSION 15:00-16:10**

**Hyperacusis & Misophonia**

Chairpersons: Jastreboff M.M., Park S.N., Kennedy V., Kazmierczak W.

**KEYNOTE LECTURE**

Misophonia and its treatment

Jastreboff M.M.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>15:00-16:30</td>
<td><strong>WORKSHOP</strong>&lt;br&gt;Treatment of Central Auditory Processing Disorders Using the Stimulator of Polymodal Sensory Perception (SPPS) – Skarzynski Method</td>
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<td>13:00-13:40</td>
<td><strong>JOURNAL OF HEARING SCIENCE</strong>&lt;br&gt;Meeting of The Editorial Board Members</td>
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<tr>
<td>8:30-16:30</td>
<td><strong>POSTER SESSION</strong></td>
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<td>17:00</td>
<td><strong>TRANSPORT TO KAJETANY</strong></td>
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<td>18:30</td>
<td><strong>NETWORKING EVENING MEETING</strong></td>
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**NOTES**
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<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Chairpersons/Panelists</th>
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</thead>
<tbody>
<tr>
<td>8:30</td>
<td>SESSION</td>
<td>Psychotherapy in Tinnitus Treatment</td>
<td>Tyler R., Thompson D.M., Zgoda M., Ciesla K.</td>
</tr>
<tr>
<td>O.122</td>
<td>8:30</td>
<td>The Meaning of Life for Tinnitus and Cochlear Implant Patients</td>
<td>Tyler R.</td>
</tr>
<tr>
<td>O.116</td>
<td>8:50</td>
<td>What we talk about when we talk about a psychological intervention for tinnitus</td>
<td>Thompson D.M., Taylor J., Hall D.A., Walker D.M., McMurran M., Casey A., Stockdale D., Featherstone D., Hoare D.</td>
</tr>
<tr>
<td>O.103</td>
<td>9:00</td>
<td>Depressive symptoms, quality of life and tinnitus handicap in a clinical group of tinnitus patients</td>
<td>Skarzynski P.H., Rajchel J.J., Raj-Koziak D.,Bienkowska K., Gos E., Skarzynska M.B.</td>
</tr>
<tr>
<td>O.121</td>
<td>9:10</td>
<td>Tinnitus Activities Treatment</td>
<td>Tyler R.</td>
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<td>10:00</td>
<td>COFFEE BREAK</td>
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<td>10:30</td>
<td>ROUND TABLE</td>
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<td>10:30</td>
<td>SESSION</td>
<td>Telemedicine</td>
<td>Skarzynski P.H.</td>
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<td></td>
<td></td>
<td>Moderator: Skarzynski P.H.</td>
<td>Panelists: Ludwikowski M., Lievens E., Krumm M.</td>
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<td>BREAK</td>
<td>11:10-11:20</td>
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<td>SESSION</td>
<td>11:20-12:00</td>
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<td></td>
<td></td>
<td>Genetic-Based Ethiologies</td>
<td>Gilles A., Oldak M., Pollak A., Lechowicz U.</td>
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<tr>
<td>Time</td>
<td>Session Title</td>
<td>Presenters</td>
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<td>9:40</td>
<td>Hearing loss may induce tinnitus by strong auditory memory and increased vigilance: a qEEG study on the relationship between hearing loss and tinnitus</td>
<td>Song I.-L., Chang M.Y., Koo J.-W., De Ridder D., Vanneste S.</td>
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<td>9:50</td>
<td>The Impact of Tinnitus on N-back Performance in Normal Hearing Individuals</td>
<td>Wachter S., Hallendorf L., Malmstein E., Olsson A., Brännström K. J.</td>
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<td>10:00</td>
<td>COFFEE BREAK</td>
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<td>10:30</td>
<td>SESSION Neuronal Stimulation Treatments</td>
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<td>Chairpersons: Tyler R., Mertens G., Penar K.</td>
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<td>10:30</td>
<td>KEYNOTE LECTURE Vagus-Nerve Stimulation Paired with Tones for the Treatment of Tinnitus</td>
<td>Tyler R.</td>
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<td>Acoustic Coordinated Reset Neuromodulation for the Treatment of Tonal Tinnitus</td>
<td>Hauptmann Ch., Williams M., Qian R., Vinciati F., Haller M.</td>
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<td>11:00</td>
<td>Effects of electrical stimulation in tinnitus patients: a comparison between t-DCS with two different electrode placements and HD t-DCS</td>
<td>Jacquemin L., Gilles A., Mertens, G., Fransen E., Van de Heyning P.</td>
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<td>Optimization of Transcranial Direct Current Stimulation for Tinnitus Management</td>
<td>Shekhawat G.S., Vanneste S.</td>
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<td>Steady-State Auditory Evoked Fields (SSAEFs) and Hemispheric Asymmetry after Repeated Transcranial Magnetic Stimulation (rTMS) in Tinnitus</td>
<td>Shiao A.-S., Hsieh J.-C., Li C.-T., Lee P.-L., Li L., P.-H.</td>
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<td>13:00</td>
<td>KEYNOTE LECTURE Intratympanic treatment for inner ear tinnitus in the past, present and future</td>
<td>Meyer Th.</td>
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<td>13:40</td>
<td>Continuous positive airway pressure (CPAP) treatment outcome in chronic tinnitus of unknown: a preliminary study.</td>
<td>Lai J-T.</td>
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<td>13:50</td>
<td>Low-dose of hormone replacement therapy (HRT) might help in managing chronic tinnitus in postmenopausal woman.</td>
<td>Liu C.-L., Lai J.T.</td>
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<td>14:00</td>
<td>Tinnitus: a new therapeutic approach</td>
<td>Meyer Th.</td>
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<td>14:00</td>
<td>Intratympanic methilprednisolone injection to treat acute tinnitus in sudden idiopathic sensorineuronal hearing loss</td>
<td>Oliveira C.A.</td>
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<tr>
<td>15:00</td>
<td>Presentations of the Candidate for the World Tinnitus Congress /International Tinnitus Seminar 2020 Organizer</td>
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<td>16:30</td>
<td>POSTER SESSION</td>
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Poster Session

Congress Room GRAND BALLROOM ABC

P.01 The effect of repeated presentation of masker on Residual Inhibition
Adjamian P., Holding M., Hall D.A.

P.02 Revisiting the interpretation of a clinically meaningful treatment-related improvement in tinnitus using the Tinnitus Questionnaire (German version)
Argstatter H., Mehta R.L., Hall D.A.

P.03 Heidelberg Neuro-Music Therapy enhances Resting-state Network Activity in Tinnitus Patients
Argstatter H., Krick C.M., Grapp M., Plinkert P.K., Reith W.

P.04 Saccule and tinnitus: is a possible connection?
Barozzi S., Del Bo L.

P.05 Effects of Transcranial Techniques of Neuromodulation on Tinnitus Perception and Distress: A Systematic Review
Bastos S., Ganz Sanchez T.

P.06 Validation of the Portuguese Version of Hyperacusis Questionnaire and Comparison of its Diagnostic Skills with Loudness Discomfort Levels
Bastos S., Ganz Sanchez T.

P.07 Castelli Index among Patients with Tinnitus
Bogacz A., Kazmierczak H.

P.08 Evidence for a positive association between tinnitus and cervical spine and/or temporomandibular disorders: a systematic review
Bousema E.J., Koops E.A., van Dijk P., Dijkstra P.U.

P.09 Take on Tinnitus: development of an e-learning portal for people with tinnitus
Carr D., Stockdale D.

P.10 Steroid Intracochlear Distribution Differs by Administration Method: Systemic vs. Intratympanic Injection

P.11 How to best measure physiologically tinnitus induced by salicylate in rats?

P.12 Comparison of Minimum Masking Level and Residual Inhibition for two types of noise: Adapted White Noise and Windowed White Noise
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P.13 Epidemiology and risk factors for tinnitus after leisure noise exposure in Flemish young adults
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P.14 Turkish Adaptation of Khalfa Hyperacusis Questionnaire
Eriç M., Derinsu U.

P.15 Alexithymia and strategies of coping with stress in people with tinnitus and in people with postlingual deafness – a comparison study
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P.16 Tinnitus development is associated with synaptopathy of inner hair cells in Mongolian gerbils

P.17 Analysis of audiometric differences of patients with and without tinnitus in a large clinical database: Does tinnitus have a functional benefit?

P.18 Optimisation of the Tinnitus E-Programme, an internet-based intervention for tinnitus self-management
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P.19 A good practice guideline for translating questionnaires in ENT and Audiology
Hall D.A., Domingo S.Z., Hamdache L.Z., Manchaiah V., Thammaiah S., Evans C., Thompson D., Wong L.

P.20 The background noise tolerance in hearing-aided patients with tinnitus who underwent Tinnitus Retraining Therapy
Huang C.-Y., Chang Y.-C.

P.21 The Update of Clinical Tinnitus Classification and Management
Huang C.-Y., Lai J.-T.

P.22 Comparisons of wave I amplitude and uncomfortable loudness level between the tinnitus ears and non-tinnitus ears in subjects with a normal audiogram

P.23 Vestibular system aspects in tinnitus patients
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P.24 Development of musical skills after cochlear implantation
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P.25 Music therapy programmes and tinnitus after cochlear implantation
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P.26 Clinical evaluation of neuronavigated repetitive transcranial magnetic stimulation for tinnitus relief: preliminary findings
Kam A.C.S.

P.27 Interpersonal support of adults suffering from tinnitus compared to cochlear implant users with postlingual deafness. The role of socio-demographic variables
Kobosko J., Fludra M., Gos E., Geremek-Samsonowicz A., Skarzynski H.
Effect of Tinnitus Distress on Quality of Life in Patients with Vestibular Schwannoma: Multidimensional Analysis
Kojima T., Oishi N., Suzuki N., Ogawa K.

Hidden hearing loss and tinnitus laterality
Lee H.Y., Cha W.W., Seo Y.M.

The alteration of auditory evoked potential after electroacupuncture in animals
Lin C., Wang T.-C., Chung H.-K., Chen Y.-H.

Extractions of steady-state auditory evoked fields in normal subjects and tinnitus patients using complementary ensemble empirical mode decomposition

Tinnitus and hearing profiles in patients with vestibular schwannoma: Multidimensional Analysis
Park J.M., Kim W.J., Ha J.-B., Han J.J., Yeo S.W., Park S.N.

Validation of the German version for Switzerland of Tinnitus Functional Index
Peter N., Kleijn Jung T., Jeker R., Meyer M., Klaphofer R., Weidt S.

Pressurized Otoacoustics Emissions: case report
Sanfins M.D., Diniz Hein T.A., Skarzynski P.H., Hatzopoulos S., Colella-Santos M.F.

Speech-evoked brainstem response in children and adolescents with musical learning
Sanfins M.D., Hatzopoulos S., Diniz Hein T.A., Bordin T., Pastore A., Aimoni C., Skarzynski P.H., Colella-Santos M.F.

Use of questionnaire as monitoring tool of auditory training in children with history of otitis media
Sanfins M.D., Skarzynski P.H., Donadon C., Peixoto de Oliveira P.A., Reis Borges L., Colella-Santos M.F.

The impact of psychological group therapy on perception of tinnitus based on results of the Tinnitus Functional Index

Combined amplification and sound generation for tinnitus: Scoping review
Sereda M., Tutaj L.

Outcome measures and associated problem domains used in efficacy studies of combination hearing aids for tinnitus
Sereda M., Tutaj L., Smith S., Hall D., Fackrell K.

An unusual case of pulsatile tinnitus caused by an aberrant artery at tympanic membrane
Siner A.A., Sirin A.

Electric-acoustic stimulation in treatment of tinnitus (PDT-EAS)
Skarzynski P.H., Dziendziel B., Raj-Koziak D., Skarzynski H., Wanatowska O.

Treatment of tinnitus in partial deafness – PDT-EC
Skarzynski P.H., Dziendziel B., Raj-Koziak D., Skarzynski H., Wanatowska O.

Treatment of tinnitus in single-sided deafness with application of a cochlear implant

Connection between cognitive process and severity of tinnitus among patients with hearing impairment
Skarzynski P.H., Swierniak W., Bienkowska K., Rajchel J.J., Raj-Koziak D., Skarzynska B.

Tinnitus and health-related quality of life in patients with auditory brainstem implants
Skarzynski P.H., Rajchel J.J., Lorenz A., Pinkas W., Dziendziel B., Skarzynska B.
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**P.58** Handicapping impact of tinnitus in clinical population of children with hearing loss in Kyrgyzstan

**P.59** Questionnaires used to assess tinnitus before and after cochlear implant – a literature review
Skarzynski P.H., Swierniak W., Bienkowska K., Skarzynski H.

**P.60** Connection between tinnitus and job satisfaction among hospitalized patients – preliminary study

**P.61** Management of tinnitus in partial deafness with electric-natural hearing – PDT-ENS
Skarzynski P.H., Dziendziel B., Raj-Koziak D., Skarzynski H., Wolujewicz K.

**P.62** Promotion and views on tinnitus self-help interventions within UK national health service audiology departments
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**P.63** An economic evaluation of the healthcare cost of tinnitus management in the UK
Stockdale D., McFerran D, Brazier P., Pritchard C., Kay T., Dowrick C., Hoare D.J.

**P.64** Validation and translation of the Japanese version of the tinnitus functional index
Suzuki N.

**P.65** Identification of tinnitus-specific microRNAs reveals dysfunctions in cellular integrity
Sylwius N., Ladas V., Hamann M., Stockdale D.

**P.66** Prevalence and characteristic of tinnitus in patients with vestibular migraine
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**P.67** New Grading System of Tinnitus and Medical Management
Takahashi M., Kabaya K., Sekiya K., Murakami S.

**P.68** What we talk about when we talk about a psychological intervention for tinnitus

**P.69** An outcome selection process for a psychological tinnitus intervention

**P.70** Transcranial Direct Current Stimulation (tDCS) in patients with tinnitus
Wang T.-C., Lin C-D.

**P.71** Why is Tinnitus a Problem? A Qualitative Analysis of Problems Reported by Tinnitus Patients
Watts E.J., Fackrell K., Smith S., Sheldrake J., Haider H., Hoare D.J.

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The Center provides its patients with comprehensive diagnostics, conservative treatments, and surgery for the rehabilitation of:
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- hearing, speech and balance disorders of different etiologies,
- disorders of the mouth cavity, throat and larynx,
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