



TINNITUS RESEARCH INITIATIVE CONFERENCE

**VANCOUVER 2024**

*The Science of Tinnitus*

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**JUNE 10 – 12, 2024**

UBC ROBSON SQUARE  
VANCOUVER, CANADA

Speaker Schedule as of **May 15, 2024**

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## MONDAY, JUNE 10<sup>th</sup>

9:00AM	THEATRE	<p><b>THE AAGE MØLLER DISTINGUISHED LECTURE ON TINNITUS: WHERE ARE WE NOW? WHERE ARE WE GOING?</b></p> <p><b>Speaker:</b> Dr Pawel Jastreboff, Professor Emeritus at Department of Otolaryngology, Emory University School of Medicine, and Visiting Professor <i>sine die</i> at University College London, London, UK.</p>
10:30AM	THEATRE	<p><b>SYMPOSIUM: SOUND TOLERANCE DISORDERS AND TINNITUS: INVESTIGATING HYPERACUSIS AND MISOPHONIA</b></p> <p><b>Chair:</b> Fatima Husain, University of Illinois Urbana-Champaign, United States</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Julia Campbell, University of Texas at Austin, Texas, USA - <i>The hyperacusis versus misophonia controversy</i></li> <li>• Fatima Husain, University of Illinois Urbana-Champaign, USA - <i>Electrophysiological measures of hyperacusis, misophonia and tinnitus</i></li> <li>• Arnaud Norena, Aix-Marseille University, France - <i>The putative neural mechanisms of noise-induced tinnitus and hyperacusis studied in guinea pigs</i></li> <li>• Dave Eddins, University of Central Florida, USA - <i>A transitional treatment for hyperacusis</i></li> <li>• Phillippe Fournier, <i>Hyperacusis and associated symptoms among conference interpreters</i></li> </ul>
10:30AM	C400/C420	<p><b>ORAL PAPERS: ANIMAL RESEARCH</b></p> <p>Chun-Jen Hsiao, Alexander Galazyuk, <i>Depolarization shift in the resting membrane potential underlies hyperactivity of inferior colliculus neurons induced by an acoustic trauma.</i></p> <p>Chul Ho Jang, Gwang-Won Cho, Changjong Moon, Ilyong Park, <i>Neuroprotective Effect of Valproic Acid on Salicylate-Induced Tinnitus</i></p> <p>Kyu-Yup Lee, Da-Jung Jung, Sang-Heun Lee, <i>Study on protective effect of novel chemical compound against acquired hearing loss</i></p> <p>Jinsheng Zhang, Po Hung Chiang, Paul Morse, Tasnim Arrooum, Maik Huttemann, <i>Near-Infrared (NIR) Light Treatment of Tinnitus</i></p>
1PM	THEATRE	<p><b>SYMPOSIUM: REAL WORLD EVIDENCE FOR MULTIMODAL TREATMENT APPROACHES FOR TINNITUS</b></p> <p><b>Chair:</b> Emily McMahan, Alaska Hearing and Tinnitus Center</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Sven Vanneste, Trinity College Institute for Neuroscience, &amp; School of Psychology, Trinity College Dublin, Ireland - <i>Exploring Transcutaneous Stimulation of Peripheral Nerves as a Source of Transcranial Electrical Stimulation Effects</i></li> <li>• Emily McMahan, Founder of Alaska Hearing and Tinnitus Center - <i>A Hybrid Approach to Tinnitus Care: Utilizing Bimodal Neuromodulation</i></li> <li>• Craig Kasper, Founder and Managing Director of New York Hearing Doctors – Institute for Hearing and Balance, New York, U.S.A and Brian Fligor – Co-Founder and Clinical Strategic Advisor at Lantos</li> </ul>

		<p>Technologies. President and Owner of Tobias and Battite Inc, Boston, Massachusetts, U.S.A. - <i>Bimodal Neuromodulation for the Treatment of Tinnitus: Real-World Clinical Outcomes &amp; Outliers</i></p> <ul style="list-style-type: none"> <li>Stefan Schoisswohl, Universität der Bundeswehr München, Munich, Germany - <i>The Effects of Combining Transcranial Magnetic Stimulation with Auditory Stimulation on Tinnitus Symptoms</i></li> <li>Milena Engelke, Universitätsklinikum Regensburg, Germany - <i>Collecting real world evidence on tinnitus symptom dynamics through Ecological Momentary Assessment</i></li> </ul>
1:00PM	C440	<p><b>WORKSHOP: REMOTE COUNSELLING AND TELECARE IN TINNITUS</b></p> <p><b>Presenter:</b> Dr Richard Tyler, Professor, Dept Otolaryngology and Head and Neck Surgery, and Communication Sciences and Disorders, The University of Iowa</p>
1:30PM	C440	<p><b>WORKSHOP: THE SUCCESSFUL TINNITUS AUDIOLOGIST</b></p> <p><b>Presenter:</b> Carol Lau, Private Practice Audiologist, Sound idEARS inc.</p>
2:00PM	C440	<p><b>WORKSHOP: EVIDENCE-BASED PRACTICE IN AUDIOLOGY: AN INTRODUCTION</b></p> <p><b>Speaker:</b> Dr Sylvie Hébert, Professor and Program Director of Audiology, Université de Montréal</p>
2:30PM	C440	<p><b>SPONSOR SESSION: HYPERACUSIS RESEARCH, LIMITED</b></p> <p><b>Speaker:</b> Steven Barad, M.D., Director, Hyperacusis Research, Limited</p>
3:00PM	THEATRE	<p><b>ORAL PAPERS: SOUND THERAPY</b></p> <p>Min Young Kwak, Seung Yeon Jeo, Jung Ho Choi, Sun Seong Kang, Yong-Hwi An, Hyun Joon Shim, <i>Personalized Neuromodulation: A Novel Strategy for Improving Tinnitus Treatment</i></p> <p>Anne W. Wendrich, Kelly K.S. Assouly, Jan A. A. van Heteren, Jeroen P. M. Peters, Wilko Grolman, Robert J. Stokroos, Huib Versnel, Adriana L. Smit, <i>Effect of cochlear implant, bone conduction device and contralateral routing of sound hearing aid on tinnitus in SSD</i></p> <p>Jose Lopez Santacruz, Emile de Kleine, Pim van Dijk, <i>Hearing aid amplification schemes adjusted to tinnitus pitch: an RCT</i></p> <p>Nina Wunder, Winfried Schlee, <i>Sex effects in sound therapy for tinnitus</i></p> <p>Xinghao Wang, Qian Che, Jing Sun, Jia Li, Zhenghan Yang, Han Lv, Zhenchang Wang, <i>Transformer Model Based on DTI to Predict the Effect of Music Masking Therapy in Patients with Tinnitus</i></p> <p>Gianfranco C. Velasco, MD; Jaclyn Leigh E. Vidal, MD; Min Chae Jun, MD; Chan Mee Lee, MD; Jae Sang Han, MD, PhD; Jae Hyun Seo, MD, PhD; Shi Nae Park, MD, <i>Clinical Characteristics of Cured Sensorineural Tinnitus Patients After Tinnitus Retraining Therapy - A Large Case Series</i></p> <p>Dongmei Tang, Yunfeng Wang, Shan Sun, Huawei Li, <i>Effect of modified tinnitus relieving sound (MTRS) for tinnitus treatment - a multicenter randomized clinical trial</i></p>

3:30PM	POSTER HALL	<p>Jeon Mi Lee, Hyun Jin Lee, Gilmoon Lee and Jae-jin Song, <i>Auditory experience, for a certain duration, is a prerequisite for tinnitus</i></p> <p>Ho Yun Lee, Seung-Ho Shin, <i>Exploring the Origins of Decreased Sound Tolerance in Tinnitus Patients</i></p> <p>Sang Hoon Kim, <i>Association between tinnitus and inflammatory bowel disease: A national cohort study</i></p> <p>Jiwon Kwak, Soo Jeong Choi, Jiwon Chang, Gi Jung Im, Euyhyun Park, <i>Is Zinc Deficiency a Risk Factor for Tinnitus? : An Analysis from Chronic Idiopathic Tinnitus Patients with Normal Hearing</i></p> <p>Jae Sang Han, Minho Lee, Hyeon-Chun Park, So Young Park, Yeun-Jun Chung, Shi Nae Park, <i>Identification of SNPs Associated with Chronic Sensorineural Tinnitus in the Korean Population</i></p> <p>Sneha Uttakalika<sup>1</sup>, Manya Fangaria , Ashwini Tidole<sup>2</sup>, Kamalakannan Karupaiah<sup>3</sup>, Prashanth Prabhu, <i>Prevalence of somatosensory tinnitus in individuals with tinnitus</i></p> <p>Sneha Uttakalika, Diya ES Dinesh, Abhishek Jain, Kajal Bhatiwai, Suman Penwal, <i>Prevalence of hyperacusis and misophonia among individuals with tinnitus</i></p> <p>June Choi, Hong Jin Kim, Ye Hwan Lee, Young Han Chung, Kang Hyeon Lim, Sang Yeop Kim, Yong Jun Jeong, <i>Analysis of auditory brain stem response and otoacoustic emission in unilateral tinnitus patients with normal hearing</i></p> <p>Fournier, P., Valentin, O., Z., Walsh, Z., Zendel, B.R. &amp; Lehmann, A., <i>Association between cannabis and tinnitus: could loud music listening under cannabis influence be the missing link?</i></p> <p>Cosima F. Lukas, Paul Wilknitz, Prof. Dr. Orlando Guntinas-Lichius, Dr. Daniela Ivansic, Prof. Dr. Christian Dobel, Prof. Dr. Manuela Nowotny, <i>Occupational noise exposure: Early audiological and physiological signs of noise-induced hearing loss and mental health</i></p> <p>Zahra Jafari, David Baguley, Bryan E. Kolb, and Majid H. Mohajeran, <i>A systematic review and meta-analysis of extended high-frequency hearing thresholds in tinnitus with a normal audiogram</i></p> <p>Kritika Nayyar, Sweetie Chauhan, Neha Surkund, Swaham Mohanty, Kajal Bhatiwai, Suman Penwal, Kamalakannan Karupaiah, Prashanth Prabhu, <i>Prevalence of misokinesia and misophonia among adult population in India</i></p> <p>Claudia Barros Coelho, Sodriane D'Avila, Sabrina Magalhães, Richard Tyler, <i>Percutaneous Electroneurostimulation (PENS) as a Novel Treatment for TTTS: Insights from a Focused Two-Case Study</i></p> <p>Anusha Yasoda-Mohan, Katy Tobin, Iracema Leroi, Brian Lawlor &amp; Sven Vanneste, <i>Investigating the longitudinal relationship between tinnitus and cognitive decline.</i></p>
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8:00AM	THEATRE	<p><b>OPENING SESSION: MEASURING TINNITUS IN THE CLINIC AND FOR RESEARCH</b></p> <p><b>Speaker:</b> Richard S. Tyler, Ph.D., Department of Otolaryngology-Head and Neck Surgery and Communication Sciences and Disorders, Iowa City, IA, The University of Iowa</p>
9:00AM	THEATRE	<p><b>ROUND TABLE: HYPERACUSIS AND OTHER SOUND TOLERANCE DISORDERS</b></p> <p><b>Moderator:</b> Dr Philippe Fournier</p> <p><b>Panellists:</b> TBA</p>
9:00AM	C400/C420	<p><b>ORAL PAPERS: BIOMARKERS OF TINNITUS</b></p> <p>Bérangère Villatte, Alain Vinet, Sayeed Devraj-Kizuk, Sylvie Hébert, <i>A study on stress reactivity under acute stress and noise exposure in tinnitus individuals</i></p> <p>Kurt Steinmetzger, Benjamin Boecking, Petra Brueggemann, Laura Basso, Matthias Rose, Birgit Mazurek, Eva M. J. Peters, <i>Angiotensin II and -(1-7) concentrations in human hair samples reflect the degree of tinnitus-related distress</i></p> <p>Licia Sayuri Tanaka, Luciana Lozza de Moraes Marchiori, Daiane de Almeida Soares Ciquinato, Denilson deCastro Teixeira, Glória de Moraes Marchiori, Braulio Henrique Magnani Branco, Regina Célia Poli-Frederico, <i>Comparative study of Tumor Necrosis Factor Alfa (TNF-<math>\alpha</math>) and impact of Tinnitus on the quality of life of older adults</i></p> <p>Shagun Ajmera, Ivan Abraham, Fatima Husain, <i>Harmonizing resting state functional MRI data to find markers of tinnitus in brain connectivity using deep learning</i></p>
10:30AM	THEATRE	<p><b>SYMPOSIUM: HOW SHOULD WE MEASURE THE SUCCESS OF TINNITUS TRIALS AND INTERVENTIONS?</b></p> <p><b>Chair:</b> Hazel Goedhart, Tinnitus Hub, The Netherlands</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>Hazel Goedhart, Tinnitus Hub, the Netherlands - <i>Outcome measures that tinnitus patients care about</i></li> <li>Inge Stegeman, University of Utrecht, The Netherlands - <i>Outcome measures in tinnitus research: the methodological perspective</i></li> <li>Adriana Smit, University of Utrecht, The Netherlands - <i>Tinnitus outcome measure; what it brought us, where it leaves us in tinnitus care.</i></li> <li>Joel Berger, University of Iowa, USA - <i>The potential for objective testing of tinnitus in humans.</i></li> <li>Laura Basso, University Hospital Regensburg, Germany - <i>The 83 Symptoms of Tinnitus: Content Overlap of Commonly Used Scales for Tinnitus Distress</i></li> </ul>
10:30AM	C400/C420	<p><b>ORAL PAPERS: HETEROGENIETY OF TINNITUS</b></p> <p>Mie Lærkegård Jørgensen, Torsten Dau, <i>Tinnitus subgroups based on supra-threshold hearing characteristics</i></p> <p>Tanit Sanchez, <i>Long term total remission of tinnitus: fact or myth?</i></p> <p>Jing Sun, Zhenchang Wang, Han Lv, <i>Causal Associations of Genetically Determined Tinnitus with Neuroimaging Traits: Evidence from a Mendelian Randomization Study</i></p>

		<p>Qian Chen, Yan Huang, Xinghao Wang, Lining Dong, <i>Thalamic multimodal quantitative MRI feature explains the different outcomes in tinnitus patients after sound therapy</i></p> <p>Gianfranco Velasco, Hyun Jae Cho, Young Jun Seo, Ji Hyung Lim, Jae Sang Han, Jae Hyun Seo, Shi Nae Park, <i>The Size Analysis of Stapedius and Tensor Tympani Muscles in CT scan in Patients with Middle Ear Myoclonic Tinnitus</i></p> <p>Cosima F. Lukas, Daniela Ivansic, Gerlind Schneider, Orlando Guntinas-Lichius, Christian Dobel, <i>Short and sweet: Long-lasting therapy success after interdisciplinary tinnitus treatment - a 5-year follow-up study</i></p>
10:30AM	C440	<p><b>ORAL PAPERS: PULSATILE TINNITUS</b></p> <p>Nicole M. Cancelliere, Gurnish Sidora, Zainab Hussain, David Steinman, Vitor Mendes Pereira, <i>Utilization of Transcanal Recordings for Objectification of Pulsatile Tinnitus</i></p> <p>Gurnish Sidora, Nicole Cancelliere, Anna Haley, Vitor Mendes Pereira, David Steinman, <i>Understanding the Sound Production Mechanism of Pulsatile Tinnitus Using Computational Fluid Dynamics</i></p> <p>Minakshi Gupta, Yatin Mahajan, <i>Pulsatile Tinnitus: A case report of assessment and management</i></p> <p>Jae-Hyun Seo, Jae Sang Han, Shi Nae Park, <i>The Application of Distortion Product Otoacoustic Emission for the objective measurement of Vascular Pulsatile Tinnitus</i></p> <p>Dave Korotkov, <i>Living with Pulsatile Tinnitus: A Self-Narrative Using McAdam's Levels of Personality Model</i></p> <p>Yoonjai Lee, Won Jun Noh, Jae-Jin Song, <i>Forest for the Trees: Preliminary results of novel sigmoid sinus resurfacing in subjects with sigmoid sinus dehiscence and adjacent broad-based diverticulum</i></p>
1:00PM	THEATRE	<p><b>AFTERNOON SESSION: WAR ON TINNITUS</b></p> <p><b>Speaker:</b> Dr Dirk de Ridder, Professor of Neurosurgery at the Dunedin School of Medicine, University of Otago in New Zealand and co-runs a private neuromodulation clinic in Belgium</p>
2:00PM	THEATRE	<p><b>ORAL PAPERS: HYPERACUSIS</b></p> <p>Charlotte Bigras, Victoria Duda, Sylvie Hébert, <i>Exploring the Multidimensional Nature of Loudness Perception</i></p> <p>Namitha Jain, Shagun Ajmera, Gibbeum Kim, Howard Berenbaum, Fatima T Husain, <i>Auditory Emotion Processing in Hyperacusis and Misophonia: A Comprehensive Behavioral and fMRI Study</i></p> <p>Philippe Fournier, Pierre Bourez, Claudia Côté, Arnaud J. Noreña, <i>Loudness and affective responses to natural sounds in hyperacusis</i></p> <p>Pierre Bourez, Guillaume T. Vallet, Nathalie Gosselin, François Bergeron, Philippe Fournier, <i>Experimentally measuring the functional impact of noisy environments on individuals with and without hyperacusis</i></p>
2:00PM	C440	<p><b>WORKSHOP: CONTRIBUTION OF MIDDLE EAR AND MULTIMODAL PLASTICITY TO TINNITUS AND HYPERACUSIS.</b></p> <p><b>Speaker:</b> Dr Arnaud Norena, Aix-Marseille University, France</p>
3:30PM	THEATRE	<p><b>ORAL PAPERS: NEW IDEAS IN TINNITUS</b></p> <p>Grant D Searchfield, <i>There is where I hear tinnitus.</i></p> <p>Mehdi Abouzari, Hamid R. Djalilian, <i>Migraine Enhances Tinnitus Perception Leading to Loud Tinnitus</i></p>

		<p>Jen-Tsung Lai, <i>Cochlear Migraine: A new concept to treat tinnitus</i></p> <p>Wrzosek, M, Gil, M.,Klemens, W., Puzio, A., Józefowicz-Korczyńska, M., <i>Relation between dominant time perspectives and tinnitus annoyance</i></p> <p>Inge Stegeman, <i>Prediction models in tinnitus research: how we do it, and what we need to create impact</i></p> <p>Benjamin Boecking, Kurt Steinmetzger, Birgit Mazurek, <i>A schema mode-model approach for understanding chronic tinnitus-related distress</i></p>
<b>3:30PM</b>	<b>POSTER HALL</b>	<p>Ho Yun Lee, Seung-Ho Shin, Oak-Sung Choo, Jae Yong Byun, Jae Ho Chung, <i>Analysis of Loudness Discomfort Level Tests in Tinnitus Patients</i></p> <p>Han Lv, Qian Chen, Zuozhen Zhang, Zhaodi Wang, Shusheng Gong, Junzhong Ji, Zhenchang Wang, Jinduo Liu, <i>Functional-guided reinforcement learning effective connectivity indicates effectiveness of sound therapy in tinnitus patients</i></p> <p>Dave Korotkov, <i>Tinnitus Distress and the Stealing/Sensitization Hypotheses: A Secondary</i></p> <p>Andréia Aparecida de Azevedo, Ricardo Rodrigues Figueiredo, Eliana Ferreira Vilela, Jeanne Oitica, <i>correlation between tinnitus severity and the big five personality traits</i></p> <p>Sung Il Cho, Mohammad Mokhatrish, Wonyong Baek, Gi-Sung Nam, <i>Tinnitus characteristics in patients with idiopathic sudden sensorineural hearing loss and acute tinnitus</i></p> <p>Min Young Kwak, Yong Tae Cho, Yong-Hwi An, Hyun Joon Shim, <i>Relation of Sound Level Tolerance to Tinnitus in Human: A Comparative Analysis of Unilateral, Bilateral, and Control Groups</i></p> <p>Bourez, P.H. Vallet, Guillaume, T., Fournier, P., <i>Improving audiology student training by clinical simulation of tinnitus: a glimpse of tinnitus lived experience</i></p> <p>Denise Fuchten, Kelly K.S. Assouly, Inge Stegeman, Adriana L. Smit, <i>An ICF based content analysis of the overlap between tinnitus and depression questionnaires</i></p> <p>Eun Bit Bae, <i>Low hearing frequency affecting hearing device use</i></p> <p>Lieber Po-Hung Li, Cheng-Ta Li, Jen-Chuen Hsieh, <i>Steady-state auditory evoked fields reflect long-term effects of repetitive transcranial magnetic stimulation in tinnitus</i></p> <p>Glória de Moraes Marchiori, Licia Sayuri Tanaka, Victor Augusto Santos Perli, Luciana Lozza de Moraes Marchiori, Bráulio Henrique Magnani Branco, <i>Comparative study of olfactory and otoneurological symptoms among people post COVID-19</i></p> <p>Luciana Lozza de Moraes Marchiori, Licia Sayuri Tanaka, Daiane de Almeida Soares Ciquinato, Glória de Moraes Marchiori, Bráulio Henrique Magnani Branco, <i>Analysis between subjective sleep quality and level of intensity of the tinnitus in people post COVID-19</i></p> <p>Nour Alsabbagh and Phillip E. Gander, <i>The sleeping brain of tinnitus: A review of neural and behavioural correlates of sleep in phantom sound perception.</i></p> <p>Shi Nae Park, Min Chae Jeon, Chan Mee Lee, Jae Sang Han, Jae Hyng Seo, <i>Clinical Management of Myoclonic Tinnitus for A Cure: From Botox Injection to Surgery</i></p> <p>Kyu-Yup Lee, Da-Jung Jung, Sang-Heun Lee, <i>Study on protective effect of novel chemical compound against acquired hearing loss</i></p> <p>Natalia Vasconcellos de Oliveira Souza, Arianna Rustici, Nicole Cancelliere, Vitor Mendes Pereira, <i>Vascular causes of Pulsatile Tinnitus: The St. Michael's Hospital experience.</i></p> <p>Khodayar Goshtasbi, Mehdi Abouzari, Pooya Khosravi, Adwight Risbud, Elaine C. Martin, Hamid R. Djalilian, <i>Smartphone-Based Cognitive Behavioral Therapy and Customized Sound Therapy for Tinnitus: A Randomized Controlled Trial</i></p>

WEDNESDAY, JUNE 12<sup>th</sup>

8:00AM	THEATRE	<b>OPENING SESSION: TINNITUS ASSESSMENT AND COMORBIDITIES</b>  <b>Speaker:</b> Dr Sylvie Hébert, Professor and Program Director of Audiology, Université de Montréal
9:00AM	THEATRE	<b>ORAL PAPERS: TINNITUS AND COGNITION</b>  Max Scheepers, Elke Devocht, Erwin George, <i>Assessing Listening Effort in disRuptive Tinnitus (the ALERT study)</i>  Sarah Van Genuchten, Annick Gilles, Griet Mertens, Ellen Andries, Emilie Cardon, Vincent VanRompae, Marc J.W. Lammers, Olivier M. Vanderveken, Laure Jacquemin, <i>Tinnitus suppression by means of cochlear implantation: does it affect cognition?</i>  Patrick Neff, Nick Sommerhalder, Zbynek Bureš, Oliver Profant, Tobias Kleinjung, Martin Meyer, <i>Speech Comprehension and Executive Dysfunction in Tinnitus</i>  Lise Hobeika, Anna Skrzatek, Sophie Dupont, Alain Londero, Séverine Samson, <i>A comprehensive evaluation of attentional and executive functions deficits linked to tinnitus</i>
9:00AM	C400/C420	<b>ORAL PAPERS: ELECTROPHYSIOLOGY</b>  Victoria Duda, Brandon Paul, Boutheina Jemel, Sylvie Hébert, <i>Cortical Responses to Tinnitus-Like Stimuli: Electrophysiological Insights</i>  Emilie Cardon, Fien Aben, Laure Jacquemin, Vincent Van Rompaey, Marc J.W. Lammers, Olivier M.Vanderveken, Annick Gilles, <i>P300 latency correlates with subjective tinnitus severity on a between-subject and within-subject basis</i>  Simon San Martin, Constantino Dragidevic, Cristina De Gatica, Vicente Medel, Christ Devia <sup>1,3</sup> , Paul, <i>Dynamics of EEG and Otoacoustic Emissions During Acoustic Residual - Inhibition in Tinnitus</i>  Payam S. Shabestari, Stefan Schoiswohl, Zino Wellauer, Tobias Kleinjung, Martin Meyer, Martin Schecklmann, Berthold Langguth, Patrick Neff, <i>Prediction of Acoustic Tinnitus Suppression: A computationally assisted approach</i>
9:00AM	C440	<b>WORKSHOP: MISOPHONIA AND TINNITUS</b>  <b>Speaker:</b> Dr Margaret Jastreboff
9:30AM	C440	<b>SPONSOR: NEOSENSORY – RESEARCH AND CLINICAL PROTOCOLS</b>  <b>Speaker:</b> Dr Allison Treseder (Aud), Head of Partnerships, Neosensory inc.
10:30AM	THEATRE	<b>SYMPOSIUM: TINNITUS AND PHYSICAL LINKS</b> <b>Chair:</b> Sarah Michiels, Hasselt University, Belgium  <b>Speakers:</b> <ul style="list-style-type: none"> <li>Mr. Robin Guillard, University of Grenoble Alpes, France - <i>Tinnitus, dreams and awakening: new insights and theoretical implications</i></li> <li>Mr. Antonios Chalimourdas, Hasselt University, Belgium - <i>Can Physical Activity Decrease the Tinnitus Severity? - A Longitudinal Observational Study</i></li> </ul>



		<ul style="list-style-type: none"> <li>Ms. Sara Demoen, Hasselt University, Belgium - <i>Health-related Quality of life in patients with somatic tinnitus: A cross sectional study</i></li> <li>Dr. Annemarie van der Wal, ACTA Academic Center for Dentistry, Amsterdam, The Netherlands - <i>The effect of orofacial treatment on tinnitus complaints in patients with somatosensory tinnitus</i></li> <li>Prof. dr. Tanit Ganz Sanchez, University of Sao Paulo, ENT Department, School of Medicine, Brazil - <i>Somatosensory tinnitus: who gets total remission?</i></li> </ul>
10:30AM	C440	<p><b>SPONSOR SESSION: NAVIGATING OTICON'S TINNITUS SOUND SUPPORT IN GENIE 2.0 – A STEP-BY-STEP GUIDE WITH A REVIEW OF CLINICIAN AND PATIENT RESOURCES, INCLUDING THE NEW OTICON COMPANION APP.</b></p> <p><b>Speaker:</b> Lia Best Au.D., R.AUD, R.HIP. Aud(C), Audiology Field Trainer Oticon Canada</p>
11:00AM	C440	<p><b>SPONSOR SESSION: LENIRE TINNITUS TREATMENT REAL WORLD SUCCESS</b></p> <p><b>Speaker:</b> Tish Ramirez, Au.D., Global Commercialization Officer, Neuromod USA</p>
11:30AM	C440	<p><b>SPONSOR SESSION: SCIENTIFIC AND CLINICAL IMPACT OF THE AMERICAN TINNITUS ASSOCIATION'S MISSION TO TRANSFORM TINNITUS PATIENT OUTCOMES</b></p> <p><b>Speaker:</b> Jinsheng Zhang and Sara Downs, ATA</p>
2:00PM	THEATRE	<p><b>ORAL PAPERS: CLINICAL APPLICATIONS</b></p> <p>Pete Vernezze, <i>The effectiveness of a 6-week live, online mindfulness-based intervention for tinnitus distress</i></p> <p>Adriana L Smit, <i>Comparison of clinical practice guidelines regarding treatment recommendations for chronic tinnitus in adults</i></p>
2:00PM	C400/C420	<p><b>ORAL PAPERS: REMOTE CARE</b></p> <p>Jason Zhang, Pranavi Sammidi, Brandon Nie, Bryan Nie, Kaibao Nie, <i>Development and Testing of Online Sound Therapy Platform</i></p>
3:00PM	THEATRE	<p><b>ROUND TABLE: HETEROGENEITY OF TINNITUS</b></p> <p><b>Facilitator:</b> Dr Arnaud Fournier  <b>Panellists:</b> TBA</p>
3:00PM	C400/C420	<p><b>ORAL PAPERS: REMOTE CARE</b></p> <p>Grace Conchas, Yezihalem Mesfin, Abigail Heiller, Yuan He, Ali Stockness, Hubert H.Lim, Meredith E. Adams, Peggy Nelson, <i>Pilot Tinnitus Study Investigating Bimodal Neuromodulation with Virtual Sessions and Additional User-Controlled Settings</i></p> <p>Ann Perreau, Rich Tyler - <i>Acceptability and Effectiveness of Remote Counseling for Tinnitus</i></p>
3:30PM	C400/C420	<p><b>ORAL PAPERS: EPIDEMIOLOGY</b></p> <p>Hobeika, L, M.Roy, M. Fillingim, A.Londero, E.Vachon-Presseau, S.Samson, <i>Socio-demographic, psychological, and health factors in tinnitus: predictors of awareness and distress across nine years</i></p> <p>Denise Fuchten, Inge Stegeman, Yinan Mao, Robert H. Eikelboom, Adriana L. Smit, <i>Risk factors for the development of tinnitus and change of impact – Results from the Busseton Healthy Ageing Study</i></p> <p>Eun Bit Bae, <i>What next after tinnitus? Based on a 10-year Korea National Health and Nutrition Examination Survey (2008-2018)</i></p>

		Jia Li, Zhengli Shi, Pengfei Zhao, Jing Sun, Xinghao Wang, Chunli Liu, Zhenchang Wang, Han Lv, <i>Flavonoids can lower the incidence and relieve the severity of tinnitus in older people: National Health and Nutrition Examination Survey 2005–2018</i>
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