



Dear contributors and attendees of the joint B-Audio & NVA congress,

As mentioned before, we have to inform you with regrets that, due to the limitations related to the corona pandemic, the joint congress of B-Audio with the NVA (Nederlandse Vereniging voor Audiologie) will be postponed to November 2021 in Antwerp. We hope that all of you will be able to join and/or contribute in 2021. More communications will follow in early 2021. At that time we will not only celebrate the 70 years of NVA but also the 10 years of B-Audio!

This year congress will be replaced by an online meeting on Friday November 20th 2020, with focus on the oral and poster contributions that have been selected before based on the submitted abstracts. The oral contributions are scheduled from 8h30 to 13h and the poster contributions from 14h to 16h.

The event will be organized as a plenary meeting, as a webinar. Participants can follow the webinar via a unique link. Registration will be free of charge for members of B-Audio, B-ORL and NVA. Every participant has to register for the morning and afternoon sessions at <http://b-audio.eu/> . A separate link will be available for registration for the poster Q&A sessions 14h to 16h. Logon information for both parts will be sent after registration.

B-Audio is affiliated with B-ORL, the Belgian Society for ORL, and their annual Autumn congresses are organized in common. The B-ORL-sessions will take place on Friday afternoon November 20th and probably Saturday morning 21st. The B-Audio and NVA-members have the opportunity to follow the ORL-sessions as well and the B-ORL members can follow the B-Audio/NVA contributions.

This event will be organized to provide good opportunities for continuing education. The oral and poster presentations were already selected based on the submitted abstracts. We expect the presenters of the oral contributions to prepare a talk for 10 minutes (not more than 10 slides!). The oral presentations can be pre-recorded or in real time. The congress management team (SEMICO) will contact each presenter for their choice of presentation. After each oral presentation the presenter will be available for questions. See the detailed time schedule for an overview. We ask you to perfectly stick to this timing as indicated in the program schedule. Please load up your presentations well in advance. Details about uploading and file format of your presentation will be given by SEMICO.

The posters will be made accessible at the websites of B-Audio and NVA from 1 week before the online meeting. A question and answer part Q&A will accompany each poster. Each poster will be in a separate virtual meeting room. The Q&A poster session starts at 14h and will be organized separately from the B-ORL meeting and using a separate video conferencing platform. The poster responsible(s) and the interested ones who would like to question and/or discuss should be present at the allocated time. The poster Q&A are organized in one major parallel sessions but all accessible for discussion from 14h-16h. More concrete information will be provided after registration.

The posters in pdf format (no need to print, save trees!) should be submitted before Friday November 13th to jan.wouters@med.kuleuven.be or voorzitter@ned-ver-audiologie.nl. We invite all participants to (re)view the posters and prepare questions to be discussed in the virtual meeting room with the poster responsible(s) via the chat box of the used teleconference system. Posters are in English. Q&A can be in preferred language.

We assume that the speakers agree to send us a pdf of the oral presentation for the B-Audio and NVA websites, which is only accessible for members of B-Audio or NVA. All members of our audiology societies can have a second look at these interesting audiology reports. If you have any questions about this, do contact us at jan.wouters@med.kuleuven.be or voorzitter@ned-ver-audiologie.nl before October 30th 2020.

We expect Belgian contributors at this congress to be member of B-Audio. You can become a member by registering at B-Audio via <http://b-audio.eu/index.php/Public:Registration> Membership is free of charge for students (with registration every year) and 15 EUR per year for others.

We hope you can join the online event, and we are looking forward to an interesting first online B-Audio/NVA audiology meeting!

Best regards,

B-Audio & NVA



Joint organization of the audiology societies of The Netherlands (NVA, 70 years) and Belgium (B-Audio), in collaboration with the Belgian ENT-society (B-ORL)
Summary programme Friday November 20th

Audiology in its broadest sense

8:00-8:25 login

8:25-8:30 Intro

8:30-12:56 Oral contributions

8:30-10:10 Oral contributions I: Clinical Audiology
100min = 7speakers x12min + 1 x 16min

10:10-10:30 Break - at the live stream an overview of all posters

10:30-11:54 Oral Contributions II: Hearing Instruments and Intervention
84min = 7speakers x 12min

11:54-12:20 Break - at the live stream an overview of all posters

12:20-12:56 Oral Contributions III: Tinnitus
36min = 3speakers x 12min

12:56-14:00 Break

14:00-16:00 Poster discussions Q&A

Bachelor and Master theses of educational programmes in Belgium

Cochlear Implants: clinical

Cochlear Implants: the instrument

Listening Effort and Cognition

Vestibular function

Miscellaneous



B-AUDIO & NVA
Audiology in its broadest sense
Friday 20 November
08h00 -12h56

Practical information

For all participants:

- The final program is attached herewith and also available on the websites of B-Audio and NVA
- The posters are accessible via both websites as well as in the Discord platform. So, to stimulate discussion, you can prepare your questions for Friday afternoon
- The login information for the morning session with GoToWebinar platform is provided by the congress management SEMICO after registration (see former e-mails / see below)
- The link for login for the afternoon session using Discord platform is <https://discord.gg/bN7euhy> and some guidelines about Discord are attached as a separate pdf document
- Participants have to be B-Audio, B-ORL or NVA members
- For presenters of oral contribution (morning session): the oral presentations will be 10 minutes + 2 minutes for discussion

For posterQ&A (afternoon session)

- In the poster Q&A session 14:00-16:00 each poster is accessible in a separate chat room, one-by-one, and discussants can easily move around from one poster (room) to another poster (room). The poster presenters are requested to enter their poster discussion room before 14:00.
- During the breaks in the morning sessions at 10:10-10:30 and 11:54-12:20 an overview of all posters will be on display in a live stream
- On Wednesday 18nov20 between 16:30 and 18:30, and on Thursday 19nov20 between 11:00 and 13:00, respectively, Axelle Calcus and Allart Knoop are available at Discord to respond to questions and help resolving problems with the Discord platform (if login does not work, mail to axelle.calcus@ens.fr or a.knoop@erasmusmc.nl)

After the congress pdfs of all oral presentations and posters will be accessible for members of B-Audio and NVA. Also recordings of the oral presentations will be available until 1 month after the congress (also members only).



B-AUDIO & NVA
Audiology in its broadest sense
Friday 20 November
08h00 -12h56

8:30-10:10 Oral Contributions I: Clinical Audiology

Chair: Leen Maes

8:30-8:42 Principal component analysis of wideband tympanometry results in the diagnosis of otitis media with effusion

Gille Valérie, Leblans M, Zarowski A
Antwerpen

8:42-8:54 The need for a deep phenotype of hearing loss to guide inner ear therapy: the relation of understanding speech-in-noise and the underlying site-of-lesion

Cris Lanting, Joop Leijendeckers, Arjan Bosman, Ad Snik, Ronald Pennings
Nijmegen

8:54-9:06 Hearing Diagnostics – The variability in potential biomarkers for cochlear synaptopathy after recreational noise exposure

Vande Maele Tine, Keppler H, Dhooge I, Verhulst S → Nele De poortere will present
Gent

9:06-9:18 A Longitudinal Study of Hearing Acuity in a Large Population Based Cohort of Children and Adolescents.

Danique Paping, Jantien Vroegop, Carlijn le Clercq, André Goedegebure, Baatenburg de Jong, Marc van der Schroeff → Danique Paping cannot be present, will pre-record presentation, no discussion
Rotterdam

9:18-9:30 The digit triplet test as a self-test for hearing screening at the age of school-entry

Sam Denys, Jan Wouters, Astrid van Wieringen
Leuven

9:30-9:42 Computational Audiology: new ways to address the global burden of hearing loss

Jan-Willem Wasmann, Cris Lanting, Wendy Huinck, Emmanuel Mylanus, Jeroen van der Laak, Paul Govaerts, De Wet Swanepoel, David Moore, Dennis Barbour
Nijmegen

9:42-9:54 Vestibular function in adults with Intellectual Disabilities: feasibility and outcome of a vestibular screening protocol in Special Olympics athletes

Laura Leyssens, Ruth Van Hecke, Karlien Moons, Sofie Luybaert, Melina Willems, Maya Danneels, Sarie Martens, Cleo Dhondt, Leen Maes
Gent

9:54-10:10 Understanding auditory categorisations with oddball fast periodic stimulation and electroencephalography.

Francesca Barbero, Olivier Collignon et al
Louvain-la-Neuve

10:30-11:54 Oral Contributions II: Hearing instruments and intervention

Chair: Martin Stollman

10:30-10:42 Auditory intervention improves basic auditory processing in children at cognitive risk for dyslexia

Van Herck Shauni, Economou M, Vanden Bempt F, Glatz T, Vanderauwera J, Ghesquière P, Vandermosten M. Wouters J
Leuven

10:42-10:54 A system for objective measurement of speech understanding
Ben Somers, Tilde van Hirtum, Tom Francart
Leuven

10:54-11:06 Determinants for successful hearing-aid fitting
Simon Lansbergen, André Goedegebure, Wouter Dreschler, Gertjan Dingemans
Amsterdam, Rotterdam

11:06-11:18 Changes in vestibular function following pediatric cochlear implantation: a prospective study
Dhondt Cleo, Maes L, Vanaudenaerde S, Martens S, Rombaut L, Van Hoecke H, De Leenheer E, Dhooge I
Gent

11:18-11:30 Objective measures of pitch and rate processing in cochlear implant users
Robin Gransier, François Guérit, Robert P. Carlyon, Jan Wouters
Leuven

11:30-11:42 The perception of voice gender cues in children with cochlear implants
Leanne Nagels, Etienne Gaudrain, Debi Vickers, Petra Hendriks, and Deniz Başkent
Groningen

11:42-11:54 Simultaneous bilateral cochlear implantation in children with bilateral deafness: the Ghent experience
Swinnen Freya, Dhondt C, Dhooge I
Gent

12:20-12:56 Oral Contributions III: Tinnitus
Chair: Martijn Toll

12:20-12:32 Auditory development, plasticity and tinnitus
Pim van Dijk, Elouise Koops, Peter Luchjenbroers, Rolien Free
Groningen

12:32 12:44 A multidisciplinary tinnitus treatment program for chronic tinnitus patients in UZ
Leuven
Karlien Stroobants, Veerle Stevens, Sam Denys, Annelore Willaert, Nicolas Verhaert
Karlien Stroobants cannot be present, will pre-record presentation, no discussion
Leuven

12:44-12:56 Late Auditory Evoked Potentials in Chronic Subjective Tinnitus Patients: A Systematic Review and Meta-Analysis
Cardon E, Joossen I, Vermeersch H, Jacquemin L, Mertens G, Topsakal V, Vanderveken OM, Van de Heyning P, Van Rompaey V, Gilles A.
Antwerpen

14:00-16:00 Posters Q&A

Bachelor and Master theses of educational programmes in Belgium

1. EEG-biomarkers in recreational noise exposure
Nele Depoortere
Audiology Program UGent
2. Comparison between click-ABR and BB CE-CHIRP[®] LS-BERA
Fleur Eeckhout
Audiology Program Artevelde Hogeschool Gent
3. Expanding the Dutch speech audiometry toolset: the Thomas More CVC corpus
Laure Feyens, (promotor Filiep Vanpoucke)
Audiology Program Thomas More Antwerp
4. Procedural optimization of the sound ear check for school-entry hearing screening
Marlies Geys
Audiology Program KU Leuven
5. The effect of speech rate on an objective measure of speech intelligibility
Sofie Keunen
Audiology Program KU Leuven
6. Auditory, vestibular and motor function in people with intellectual disability
Julie Patru
Audiology Program UGent
7. Etude rétrospective sur l'utilisation du questionnaire COSI sept ans après son introduction en Belgique - Analyse approfondie des catégories COSI
Retrospective study on the use of the COSI questionnaire seven years after its introduction in Belgium - In-depth analysis of COSI categories
Mazarine Tricnont (promoter Van Doren Paul)
Audiology Program Vinci Brussels
8. The cumulative effect of tinnitus and a vestibular dysfunction on attention, working memory & visuospatial abilities
Laura Van de Velde
Audiology Program UGent
9. Hearing protection for hearing aid users
Lotte Van Geldorp
Audiology Program Artevelde Hogeschool Gent
10. The effect of stimulus intensity on an objective measure of speech intelligibility
Elise Verwaerde
Audiology Program KU Leuven

Cochlear Implants: clinical

11. Impact of Cochlear Implantation on Health-related Quality of Life in Older Adults, Measured with the Health Utilities Index 23
Ellen Andries, Annick Gilles, Vedat Topsakal, Olivier Vanderveken, Paul Van de Heyning, Vincent Van Rompaey, Griet Mertens
Antwerp
12. Auditory status of children with single-sided deafness with and without a cochlear implant
Tine Arras, Christian Desloovere, Jan Wouters, Astrid van Wieringen
Leuven
13. The quest for true binaural unmasking in cochlear implant listeners
Benjamin Dieudonné, Tom Francart
Leuven
14. MOSAICS – Minimising outcome spread and maximising participation in society of adult cochlear implant users
Ignacio Calderon, Loes Beckers, Nikki Tromp, Enrico Migliorini, Wendy Huinck, Birgit Philips, Bas van Dijk, Filiep Vanpouke & Emmanuel Mylanus
Nijmegen
15. NOT RECEIVED Progression of hearing loss and criterion for cochlear implant (CI) indication
V. Gille, D. Poelmans , M. Leblans , A. Zarowski, and E. Offeciers
Antwerp
16. Guided Audiomotor Exploration (GAME): Improvisation-based instrumental music training for cochlear implant users
Eleanor Harding, Robert Harris, Etienne Gaudrain, Barbara Tillmann, Christina Fuller, Rolien Free., Bert Maat, Deniz Başkent
Groningen

Cochlear Implants: the instrument

17. Pre- and post-operative sensitivity of a fully-implantable microphone
D'hondt C, Wouters J, Verhaert N
Leuven
18. Processing of prosodically marked focus in a cochlear implant simulation by non-native listeners: Preliminary results
M.K. Everhardt, A. Sarampalis, M. Coler, D. Başkent, W. Lowie
Groningen
19. Evaluation of Spread Pre-compensation coding strategy for cochlear implants
Obaid Qazi, Anke Plasmans, Brett Swanson, Taike Bruyneel, Tilde van Hirtum, Rudi Kuhweide, Andrzej Zarowski
Cochlear, Brugge, Antwerp

20. Development and evaluation of 3D printed anatomical scala tympani models for electrode insertion studies
Anastasiya Starovoyt, Eman Shaheen, Tristan Putzeys, Greet Kerckhofs, Constantinus Politis, Jan Wouters and Nicolas Verhaert
Leuven

Listening Effort and Cognition

21. Listening effort in adults with different amounts of noise exposure
Sofie Degeest, Katrien Kestens, Hannah Keppler
Gent
22. Cognition in relation to listening effort: speech understanding from an auditory-cognitive perspective
Kestens K, Degeest S, Miatton M, Keppler H
Gent
23. Optimisation of a Dutch auditory – cognitive training task
Mira Van Wilderode, Nathan Van Humbeeck, Ralf Krampe, Astrid van Wieringen
Leuven

Vestibular function

24. 2BALANCE: Test-retest reliability of a Cognitive-Motor Dual-Task Protocol in healthy young adults
Maya Danneels, Ruth Van Hecke, Laura Leyskens, Dirk Cambier, Raymond van de Berg, Vincent Van Rompaey, and Leen Maes
Gent
25. Vestibular Infant Screening-Flanders (VIS-Flanders): Vestibular screening results after two years and a half for hearing-impaired children in Flanders.
Sarie Martens, Ingeborg Dhooge, Cleo Dhondt, Marieke Sucaet, Saartje Vanaudenaerde, Lotte Rombaut, Leen Maes
Gent
26. Cognitive Function, Motor and Balance Performances in Vestibular-Impaired School-Aged Children: “The balanced growth protocol”.
Ruth Van Hecke, Frederik J.A. Deconinck, Ingeborg Dhooge, Hilde Van Waelvelde, Jan R. Wiersema, Leen Maes
Gent

Miscellaneous

27. Efficacy of audiological rehabilitation: use of feedback in Luister.
Boon E., Magits S., De Meyere L., Dierckx A., Vermaete E., Verhaert N., Francart T. Wouters J., van Wieringen A.
Leuven

28. The HEAR-aware app: Providing adults with hearing loss with tailored support to self-manage their hearing problems as an alternative to hearing aids – Pilot study results
Marieke Pronk, Vanessa Feenstra-Kikken, Cas Smits, Jana Besser, Conny Polleunis, Hans van Beek, Barbra B.H. Timmer, Sophia E. Kramer
Amsterdam
29. Impact of delay of otologic surgery during the Covid -19 pandemic
Quinten Roggeman, Sam Denys, Louize Pietermans, Annelore Willaert, Christian Desloovere & Nicolas Verhaert
Leuven
30. Disorders and biomarkers associated with tinnitus identified within the Dutch population-based Lifelines cohort
Nick M. A. Schubert, Judith G. M. Rosmalen, Pim van Dijk and Sonja J. Pyott
Groningen
31. Generation of signs and verbal words within semantic and phonological categories: data from deaf children who responded with sign and oral languages
Lucie Van Bogaert, Noemi Arnaud, Cathy Van Vlierberghe, Bénédicte Pochet, Jacqueline Leybaert
Brussels