

Programme

Wednesday Sep. 15th 2021

09:00 Registration

09:20 **Opening Session** Welcome

Pitching it Right: Exploring Melody

9:30 Bob Carlyon Rhythm and Blues: what CI listeners can get out of music

09:55 Nille Kepp Differences and similarities in pitch discrimination and timbre recognition between Danish children with bilateral hearing aids or bilateral cochlear implants and children with normal hearing.

Mixing it Up: Listening Approaches for Enjoying Music I

10:10 David Landsberger How music perception is influenced by the combination of acoustic and electric stimulation in single-sided deafened listeners

10:35 Aaron Hodges Evaluation of CI mediated music processing using electrodogram mapping to compare with perception

10:50 **Break**

Mixing it Up: Listening Approaches for Enjoying Music II

11:20 Mark Fletcher Enhancing music perception in CI users by providing missing sound-information through tactile stimulation

11:45 Tushar Verma Audio-tactile interaction in timbre: Effect of tactile stimulation on auditory temporal envelope perception

12:00 Katelyn Berg Can we improve music perception and appreciation using strategic apical electrode deactivation?

12:15 Poster pitches

13:15 **Lunch**

Raising the Bar: Signal Processing Advances and Settings for Improved Music Listening

14:15 Brian Moore Listening to music through hearing aids: potential lessons for CIs

14:40 Waldo Noguiera Signal processing and sound coding strategies to make music more accessible for CI users

15:05 Johannes Gauer Can spectral complexity reduction improve music perception in CI users?

15:20 René Gifford Benefits of combining electric and acoustic hearing for music sound quality and various aspects of music perception

15:45 **Break**

16:15 Sina Tahmasebi Optimized CI fitting to enhance singing voice in popular music

16:30 Charles Limb Tuning CIs using CT-based pitch mapping

16:55 Kate Gfeller **Cochlear Implant User Panel**

Thinking outside the booth: Insights from CI users about music engagement in everyday life, and implications for research and clinical guidance

18:00 Jeremy Marozeau, Charlotte Nordin, Raphael Ortis **Social Night:** An audio-tactile artistic installation to enhance musical experiences

18:30 **Close, followed by dinner and music event**



Programme

Thursday 16th Sept 2021

Practice Makes Perfect: Training Approaches, Benefits and Limitations I

09:00	Colette McKay	Does music training have a role in CI (re)habilitation?
09:25	Ritva Torppa	How music training and singing improves the speech and language skills of children with hearing loss – MULAPAPU-project
09:40	Deniz Başkent	Can music training improve vocal emotion perception in CI users? If yes, what kind?
10:05	Céline Hidalgo	Rhythmic training: an effective tool for children with cochlear implants
10:20	Lorenzo Picinali and Yuli Levton	Improving music listening for bilateral CI users using immersive audio and VR-based applications
10:45	Break	

Higher Order Processing: Brain Mechanisms that Underpin Music Listening

11:15	Peter Vuust	The musical mind that predicts
11:40	Chi Yhun Lo	Social wellbeing and the role of music for children with hearing loss
11:55	Niki Vavatzanidis	Discriminative abilities of young children in music one and two years after cochlear implantation: an EEG study
12:10	Poster pitches	
13:00	Lunch	

Sponsor Session: Oticon Medical's Take on Music & CI

14:00	Manual Segovia Martinez	Development of next generation CI coding strategies
14:15	Marianna Vatti	Effect of frequency-to-electrode allocation manipulations on music features predicted with objective measures
14:30	Scott Aker	Effect of audio-tactile congruence in vibrotactile music enhancement for cochlear implant users

Practice Makes Perfect: Training Approaches, Benefits and Limitations II

14:45	Ian Cross	Exploring spontaneous interaction in speech and music and the extent to which common interactive processes underlie both "domains"
15:10	Cilia Beijk and Joke Veltman	Musi-CI training: hearing training from a musical perspective by and for Cochlear Implant users and how to fit this into regular CI rehabilitation.
15:25	Ruth Mallalieu	Factors influencing music engagement in everyday lives of pediatric cochlear implant users
15:40	Debi Vickers	Maximising engagement and effectiveness of training
16:00	Closing remarks	
16:30	End of Symposium	

