

Comm4CHILD CONFERENCE

Musical Instrument Museum

Rue Montagne de la Cour 2 - 1000
Brussels, Belgium

**NOV 10
2023**

Morning session

Communication in Children with hearing impairment to optimise language development



The Comm4CHILD Innovative Training Network aims to have an impact across all aspects of hearing impairment in children's everyday life. It will provide a significantly improved understanding of communicative and social skills that will underpin the development of innovative future treatment and rehabilitation measures.

Welcome and coffee at 9h30

10H00 | 10H45

Presentation by the coordinator Cécile Colin

10H45 | 12H00

Project pitch by the Early-Stage Researchers

12H00 | 13H30

Lunch and poster session

**SEATS ARE LIMITED
REGISTER ON [COMM4CHILD.ULB.BE](https://comm4child.ulb.be)**



Afternoon session

Speech perception in noise in children with hearing loss

13H30 | 14H30

Exploring degraded speech recognition for children who have hearing loss

Ryan McCreery



Ryan McCreery is Director of Research at Boys Town National Research Hospital (Nebraska, USA). His research has contributed to our understanding of the importance of cumulative auditory experience on language and sensory development, which has led to optimized clinical protocols for fitting hearing aids in kids with hearing loss.

14H30 | 15H10

Development of speech perception in noise at adolescence

Axelle Calcus – Université libre de Bruxelles

..... coffee break

15H40 | 16H20

Noise reduction in hearing aids: challenges and technical solutions

Jesper Jensen – Oticon A/S

16H20 | 17H00

Decoding speech processing from EEG using neural tracking: implications for diagnostics and treatment of children with hearing loss

Jonas Vanthornhout – KU Leuven

17H00 | 17H40

Understanding listening difficulties in children with no known hearing impairment

Astrid Van Wieringen – KU Leuven

17H40 | 17H50

Concluding remarks

Jacqueline Leybaert – Université libre de Bruxelles

The conference will be followed by a drink

