

Session Program

8–12 Sept 2026

Forum Acusticum 2026

***A20.04 Previously Impossible: Advances in MRI technology
for speech research***

Wednesday 9 September

16:20

A20.04 Previously Impossible: Advances in MRI technology for speech research: S148

Session | Location: Messe Congress Graz, Galerie B | Conveners: Daniel Aalto, Steven Lulich

16:20–16:40 The Iseult 11.7T human MRI project – achievements and prospects

Speaker
Nicolas Boulant

16:40–17:00
From Functional Units to Acoustics: Decoding Tongue Biomechanics in Speech Production from Tagged and Diffusion MRI

Speaker
Jonghye Woo

17:00–17:20 Advanced MRI for Tongue Muscle Architecture, Swallowing, and 4D Speech Imaging

Speaker
Aart Nederveen

17:20–17:40 Seeing Inside Stuttering: Articulation in Stuttered Speech Revealed by Real-Time MRI

Speaker
Yijing Lu

17:40–18:00 Toward Brainstem fMRI Analysis of Sustained Phonation

Speaker
Steven Lulich

18:00