Research outputs:

The impact of noise power estimation on speech intelligibility in cochlear-implant speech coding strategies
Research output: Research - peer-review › Journal article – Annual report year: 2019

Computational speech segregation inspired by principles of auditory processing
Research output: Research › Ph.D. thesis – Annual report year: 2018

The benefit of combining a deep neural network architecture with ideal ratio mask estimation in computational speech segregation to improve speech intelligibility
Research output: Research - peer-review › Journal article – Annual report year: 2018

The impact of exploiting spectro-temporal context in computational speech segregation
Research output: Research - peer-review › Journal article – Annual report year: 2018

Investigating the effects of noise-estimation errors in simulated cochlear implant speech intelligibility
Research output: Research - peer-review › Article in proceedings – Annual report year: 2018

Comparing the influence of spectro-temporal integration in computational speech segregation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

The role of temporal resolution in modulation-based speech segregation
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

Human cochlear tuning estimates from stimulus-frequency otoacoustic emissions
Research output: Research - peer-review › Journal article – Annual report year: 2011

Projects:

Computational speech segregation inspired by principles of auditory processing
Project: PhD

Activities:

Cochlear
Activity: Visiting an external institution › Visiting another research institution

Interspeech 2016
Activity: Attending an event › Participating in or organising a conference

Poster presentation
Activity: Talks and presentations › Conference presentations

Talk at Audiological Research Cores in Europe
Activity: Talks and presentations › Conference presentations
INTERSPEECH 2015
Activity: Attending an event › Participating in or organising a conference

7th Workshop on Speech in Noise
Activity: Attending an event › Participating in or organising a conference