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**
Bentsen, T., Dau, T., Kressner, A. A., May, T., Marozeau, J., Tchorz, J. & Bleeck, S.
Samfinansieret - Andet
15/06/2014 → 07/03/2018
Project: PhD

Activities:

**Cochlear**
Bentsen, T. (Visiting researcher)
23 Jan 2017 → 13 May 2017
Activity: Visiting an external institution › Visiting another research institution

**Interspeech 2016**  
Bentsen, T. (Participant)  
8 Sep 2016 → 12 Sep 2016  
Activity: Attending an event › Participating in or organising a conference

**Poster presentation**  
Bentsen, T. (Speaker)  
8 Sep 2016 → 12 Sep 2016  
Activity: Talks and presentations › Conference presentations

**Talk at Audiological Research Cores in Europe**  
Bentsen, T. (Speaker)  
17 Nov 2015  
Activity: Talks and presentations › Conference presentations

**INTERSPEECH 2015**  
Bentsen, T. (Participant)  
6 Sep 2015 → 10 Sep 2015  
Activity: Attending an event › Participating in or organising a conference

**7th Workshop on Speech in Noise**  
Bentsen, T. (Participant)  
8 Jan 2015 → 9 Jan 2015  
Activity: Attending an event › Participating in or organising a conference