



Short-Term Scientific Mission

Announcement for Grant Period 4 (May 2017 - April 2018)

Title

Novel approaches for improving spatial sound discrimination in a multi-talker environment for tinnitus and hearing impaired sufferers

Host

Safarik University
Jesenná 5, 04001 Kosice Slovakia

Supervisors of the STSM

Dr. Norbert Kopco

Goal of the STSM

Primary goal: To work on the development of an experimental paradigm to test the application of multisensory stochastic resonance and perceptual learning in improving spatial sound detection in a multi-talker environment.

Secondary goal: To develop novel training approaches for tinnitus/hearing impairment rehabilitation

What the STSM host offers

-The possibility to work with a multi- and transdisciplinary team of scientists specializing in signal processing, hearing research, neuroscience, computer science, physics and mathematics.

-The possibility to engage and interact with world-renowned experts while attending the 3rd workshop on cognitive neuroscience of auditory and cross-modal perception to be held on Kosice Slovakia 29-31 May 2017.

-The possibility to get started into a promising and exciting field of research.

Requirements for the grantee

-Experience within the fields of neuroscience, multisensory stochastic resonance and tinnitus

-High motivation and passion for hearing research

Duration: 1 week

Best time: May 28-June 4 2017

How to get in contact with the STSM Host

nkopco@gmail.com

How to apply for the STSM

Please contact the host first.

After completion of the STSM the grantee is required to submit a scientific report (3-4 pages) on the visit within 30 days after end of the stay. Please submit the report to the STSM coordinator: malgorzata.wrzosek@amu.edu.pl