

# Workshop and lecture series on „**COGNITIVE NEUROSCIENCE OF AUDITORY AND CROSS-MODAL PERCEPTION**“

Košice, Slovakia, 26 - 30 May 2014



## OBJECTIVE:

Advancement of the research skills of students and early-stage researchers in cognitive neuroscience through

- Introductory lectures and advanced research talks by experts in the field
- hands-on assignments and demonstrations
- student presentations, posters and direct student-lecturer consultations

## TOPICS:

spatial hearing, vision and crossmodal perception, neural modeling, behavioral and neuroimaging methods in cognitive neuroscience, applications

## FORMAT:

26 - 28 MAY

hotel Ambassador, Hlavná 101, Košice:

- lectures by experts, student posters and presentations, demonstrations

29 - 30 MAY

Lecture room P1, Faculty of Science, P.J.Šafárik University, Jesenná 5, Košice:

- work on lecturer-prepared assignments, individual consultations with lecturers (optional)

## SPEAKERS AND LECTURE TOPICS:

Simon Carlile

University of Sydney

Six degrees of spatial separation - The portal for auditory perception  
The plastic ear: Perceptual relearning and auditory spatial perception

Pierre Divenyi

Stanford University

Cocktail-party effect deficit in aging: what formant transition processing tells us  
Phonemic restoration: done by our brain or our tongue?

Frederick Gallun

US Dept. of Veterans Affairs and Oregon Health & Science University

Impacts of age and hearing loss on spatial release from masking  
Characterizing attentional resources using the auditory dual-task

Bernhard Laback

Austrian Academy of Sciences

Binaural cues in electric hearing  
Spectral localization cues in acoustic and electric hearing

Aaron Seitz

University of California, Riverside

Cognitive Neuroscience of Perceptual Learning: Specificity and Transfer  
Cognitive Neuroscience of Perceptual Learning: Mechanisms Guiding Learning

Christopher Stecker

Vanderbilt University

Integration of spatial information across multiple cues  
Neuroimaging of spatial hearing

Arash Yazdanbakhsh

Boston University

Neural and computational models of vision: Fundamental problems of vision  
Neural and computational models of vision: Neural models and their implementation in early vision

## ORGANIZERS:

PERCEPTION AND COGNITION LAB,  
FACULTY OF SCIENCE,  
P. J. ŠAFÁRIK UNIVERSITY

REGISTRATION: FREE BUT REQUIRED | MORE INFO: [HTTP://PCL.UPJS.SK/WORKSHOP2014/](http://PCL.UPJS.SK/WORKSHOP2014/) | FUNDING: SOFOS, ITMS: 26110230088



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