



# 2016 IEEE International Symposium “Video and Audio Signal Processing in the Context of Neurotechnologies”

June 30 – July 2, 2016, St.Petersburg, Russia



## Organizing committee

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Video/Multimedia Chair, St.Petersburg  
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The symposium will provide an international forum where industry, researchers and academia will be able to interact and exchange experiences, ideas, and research results in all areas of Video and Audio Signal Processing in the Context of Neurotechnologies. The symposium offers unique opportunity for all the participants to communicate with experts in the field. We have some of the world's leading experts giving keynote speeches, and also high quality tutorials as well as panel discussions.

This symposium is organized by *The Federal Agency for Scientific Organizations (FASO Russia)*, *Pavlov Institute of Physiology Russian Academy of Sciences*, *St.Petersburg State Institute of Film and Television*, *Neuroiconics-Neuromechanic Co. Ltd.*, *ITMO University*, *St. Petersburg State University*, and technically co-sponsored by the *IEEE Russia Northwest BT/CE/COM Chapter*.

## Keynote speeches

Dr. **Miriam Reiner**, Technion - Israel Institute of Technology, Israel

*“The potential power of media to enhance cognition: The tacit components of human perception in mediated worlds”*

Dr. **Nikolay Krasilnikov**, St.Petersburg State University of Aerospace Instrumentation, Russia

*“Stereo vision”*

Dr. **Ivan Pavlov**, University College London, Institute of Neurology, UK

*“Regulation of neuronal excitability and network behaviour by extracellular GABA”*

Dr. **Baingio Pinna**, University of Sassari, Italy

*“A new principle of chromatic accentuation in perceptual organization: visual, cognitive and biological implications with technological applications”*

Potential topics are included but not limited to the following topics in the field **«From Neurotechnologies to Consumer»:**

**Signal Processing, Multimedia, Human-Device Interaction, Cognitive Science and Neurotechnologies, Virtual Reality Environments, Neuronal Networks**

## Important Dates

Abstract Submission Deadline: 20 May 2016

Notification of Acceptance: 1 June 2016

<https://spcn2016.org>



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