

2012



Program



TRG 2012 Meeting (Minneapolis) – Thursday 15 November 2012**7:45am – 8:20am Registration****Session 1**

- 8:20am – 8:40am** **Masashi Nakatani**, *“TECHTILE Toolkit: A New Tool for Assessing Vibrotactile Perception”*
Invited Demo Talk
Columbia University, USA
- 8:40am – 9:00am** **Aaron Suminski**, *“Somatosensory Responses in the Motor Cortex and Their Implications for Brain Machine Interfaces”*
The University of Chicago, USA
- 9:00am – 9:20am** **Emily Bloesch**, *“Age-related Changes in Multisensory Integration in Peripersonal Space”*
Washington University in St. Louis, USA
- 9:20am – 9:40am** **Krista Overvliet**, *“Perceptual Grouping in Haptic Search: the Influence of Task Difficulty”*
University of Leuven, Belgium
- 9:40am – 10:00am** **Bei Xiao**, *“Can You Feel What You See? Visual and Tactile Perception of Material Properties”*
Massachusetts Institute of Technology, USA

10:00am – 10:10am Break**Session 2**

- 10:10am – 10:50am** **Thomas James**, *“Neural Substrates of Visuohaptic Object Recognition”*
Invited Talk
Indiana University, USA
- 10:50am – 11:30am** **Ryo Kitada**, *“Neural Substrates Underlying Haptic Recognition of Face and Bodyparts”*
Invited Talk
National Institute for Physiological Sciences, Japan

11:30am – 1:00pm Lunch

Session 3

- 1:00pm – 1:40pm**
Invited Talk **Stephen Maricich**, *"Using Genetic Mouse Models to "Feel Out" Merkel Cell Development and Function"*
Case Western Reserve University, USA
- 1:40pm – 2:20pm**
Invited Talk **Andrew Pruszynski**, *"Geometric Feature Extraction in the Human Tactile Periphery"*
Umeå University, Sweden
- 2:20pm – 2:35pm** **Louise Manfredi**, *"Natural Scenes in Tactile Texture Perception"*
The University of Chicago, USA
- 2:40pm – 3:10pm**
Invited Talk **Sliman Bensmaia**, *"The Encoding of Natural Textures at the Somatosensory Periphery"*
The University of Chicago, USA
- 3:10pm – 3:25pm** **Hannes Saal**, *"Co-existence of Rate and Temporal Codes in Somatosensory Cortex"*
The University of Chicago, USA

3:25pm – 3:40pm **Break**

Session 4

- 3:40pm – 4:20pm**
Invited Talk **Roberta Klatzky**, *"Using Haptics for Sensing and Manipulation in Tele-Robotics"*
Carnegie Mellon University, USA
- 4:20pm – 5:00pm**
Invited Talk **Martina Rieger**, *"Tactile/Kinesthetic Feedback and Visual Feedback in Action Imagery"*
University for Health Sciences, Medical Informatics and Technology, Austria
- 5:00pm – 5:20pm** **Carly Kontra**, *"Embodied Physics Learning"*
The University of Chicago, USA
- 5:20pm – 5:40pm** **Amy Kalia**, *"Haptic Shape Perception by Blind and Sighted Individuals"*
Massachusetts Institute of Technology, USA
- 5:40pm – 6:00pm** **Nicholas Giudice**, *"Haptic Spatial Updating across the Lifespan"*
University of Maine, USA

Concluding remarks