Université catholique de Louvain

The IoNS/COSY and ICTEAM/INMA Divisions have the pleasure to invite you to

MINI-SYMPOSIUM
“Processing of somatosensory feedback for motor control”

October 3rd 2017

Auditorium Maisin Avenue E. Mounier, 51 B-1200 Brussels

13h00: Benoit Delhaye (University of Chicago, USA)
Simulating tactile signals from the whole hand with millisecond precision.

13h40: Hannes Saal (University of Sheffield, UK)
Modeling response properties of somatosensory cortical neurons.

14h20: Ingvars Birznieks (UNSW Sydney, Australia)
Spike timing means everything in novel neuronal code involved in vibrotactile frequency perception.

15h00: Cagatay Basdogan (Koç University, Turkey)
Summary of current research projects on haptics in RML (Robotics and Mechatronics Laboratory).

15h40: coffee break

16h20: Olivier White (University of Burgundy, France)
How the brain controls impedance during hand/environment interactions.

17h00: Jeroen Smeets (University of Amsterdam, The Netherlands)
How do we decide how heavy an object is?

17h40: Steve Scott (Queen’s University, Canada)
Faster than a blink of an eye: sensory feedback for voluntary control.

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