

# Workshops & Tutorials

## Workshops Full Day

Tuesday, July 11, 2017

08:20am - 05:20pm

Registration Required

### 1) EMBC 2017 Design Challenge Workshop

Organizer: Bruce Hecht\*, Ayesha Khalid (USA)

Location: To be announced

### ~~2) REC 2017 - CANCELED~~

~~Workshop Robotic Endoscopic Capsules:  
Achievements and Future Challenges~~

~~Organizer: Gastone Ciuti, Jorge Dias\* (United Arab Emirates)~~

~~Location: To be announced~~

### 3) Smarter Photoacoustic Imaging: Systems, Applications, and Agents

Organizer: Chulhong Kim\*, LIANG SONG, Yoshifumi Saijo, JUNJIE YAO (Korea, South)

Location: To be announced

### 4) A Hands-on Approach to Neural Connectivity Inference Methods

Organizer: Luiz Antonio Baccala, Koichi Sameshima, Laura Astolfi\* (Italy)

Location: To be announced

### 5) Current and Future Challenges in Robotics Research for Biomedical Applications

Organizer: Sohee Kim\*, Cheol Song (Korea, South)

Location: To be announced

## Tutorials Full Day

Tuesday, July 11, 2017

08:20am - 05:20pm

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### 1) Deep Audio, Speech & Biosignal Sensing for mHealth & Biomonitoring in two Nutshells

Organizer: Bjoern Schuller\*, Nicholas Cummins (United Kingdom)

Location: To be announced

## Workshops Half Day

Tuesday, July 11, 2017

Registration Required

08:20am - 12:20 pm

### 1) Magnetic Resonance Electrical Impedance Tomography and Electric Properties Tomography: New Insights and Frontiers in Measurement of Tissue Electromagnetic Properties

Organizer: Rosalind Sadleir\*, Atul S. Minhas (USA)

Location: To be announced

**1:20pm - 5:20pm**

**1) IEEE Standardization Development for Cuffless and Continuous Blood Pressure Monitoring**

Organizer: Carole C. Carey\*, Xiao-Rong Ding (USA)

Location: To be announced

**2) Neurophotronics: Imaging and manipulating the brain**

Organizer: Euiheon Chung\*, Jung-Hoon Park (Korea, South)

Location: To be announced

**3) The Fast-Changing Landscape of Electroencephalography**

Organizer: W. G. Besio\* (USA)

Location: To be announced

## **Tutorials Half Day**

**Tuesday, July 11, 2017**

**Registration Required**

**08:20am - 12:20 pm**

**1) Assessment of Consciousness and will powered Motor Rehabilitation**

Organizer: Günter Edlinger\*, Christoph Guger (Austria)

Location: To be announced

**2) Structural and Functional Imaging with Optical Coherence Tomography and Optical Coherence Elastography**

Organizer: Kirill Larin\* (USA)

Location: To be announced

**3) Models and Algorithms for Analysis of Large-scale Biological Networks**

Organizer: Byung-Jun Yoon\*, Xiaoning Qian (USA)

Location: To be announced

**1:20pm - 5:20pm**

**1) Healthcare Revolution through Wearable Electronics**

Organizer: Hammad M. Cheema\* (Pakistan)

Location: To be announced