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3:00 - 4:30

POSTER SESSION - BIOSIGNAL PROCESSING AND MEDICAL INFORMATICS

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Jie Chen (University of Alberta, Canada)**

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Balázs Bezányi (Pázmány Péter Catholic University, Hungary)

3:00 - 4:30

POSTER SESSION - BODY SENSOR NETWORKS

Foyer

**Session Chairs: Nitish Thakor (SINAPSE, Singapore and Johns Hopkins University, USA),
Jie Chen (University of Alberta, Canada)**

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Qiuting Huang (Eidgenössische Technische Hochschule Zürich, Switzerland)

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TUTORIAL - WOLFGANG SCHUHMANN

Room 5

An Electrochemical Approach To Biochip Design: How To Marry Transducer Surfaces With Biomolecules

Wolfgang Schuhmann (Ruhr-Universität Bochum, Germany)

7:00 - 10:00

WELCOME RECEPTION - LIVE INTERACTIVE DEMONSTRATIONS

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Session Chairs: Ralph Etienne-Cummings (Johns Hopkins University, USA), Eugenio Culurciello (Purdue University, USA)

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Danilo Demarchi (Politecnico di Torino, Italy)

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Giovanni Ansaloni (École Polytechnique Fédérale de Lausanne, Switzerland)

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Martin Lemaire (Icube, France)

Christophe Lallement (Icube, France)

Jacques Haiech (Université de Strasbourg, France)

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THURSDAY, OCTOBER 23RD

8:30 - 10:00

BIOSIGNAL PROCESSING AND SYSTEMS

Room 5

Session Chairs: Yong Lian (University of Singapore), Wai-chi Fang (NCTU, Taiwan)

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Sensitivity Analysis of Heuer's Method for Motion-Artifacts Reduction in Capacitive Biopotential Measurements 192

Kai-Tao Yang (Eindhoven University of Technology, Netherlands)

Aline Serteyn (Eindhoven University of Technology, Netherlands)

Rik Vullings (Eindhoven University of Technology, Netherlands)

Jan Bergmans (Eindhoven University of Technology, Netherlands)

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Room 3

Creating Windows Into The Brain

Tim Denison (Meditronic, Inc., USA)

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Bernd Tillak (IHP Microelectronics, Germany)

Matthias Schreiter (Siemens, Germany)

Andreas Grall (Multi Channel Systems, Germany)

Peter Jesinger (Multi Channel Systems, Germany)

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Foyer

Session Chair: Catherine Dehollain (EPFL, Switzerland)

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Amir Masoud Sodagar (Khajeh Nasir Toosi University of Technology, Iran)

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CIRCUITS AND SYSTEMS ADVANCES FOR MEDICAL APPLICATIONS

Room 5

Session Chairs: Patrick Mercier (UC San Diego, USA), Alper Bozkurt (North Carolina State University, USA)

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FRIDAY, OCTOBER 24TH

8:30 - 10:00

LAB-ON-CHIP AND BIOMEMS

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Jessica Butts (Georgia Institute of Technology, United States)

Tracy Hookway (Georgia Institute of Technology, United States)

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Giovanni De Micheli (École Polytechnique Fédérale de Lausanne, Switzerland)

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Room 5

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KEYNOTE 3 - JOHN ROGERS

Room 3

Stretchy Electronics That Can Dissolve In Your Body

John Rogers (University of Illinois, Urbana-Champaign, USA)

1:30 - 3:00

NEURAL STIMULATION AND REHABILITATION

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John Parker (National Information and Communications Technology Australia / University of New South Wales, Australia)

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Robert Seepers (Erasmus Medical Center, Netherlands)

Christos Strydis (Erasmus Medical Center, Netherlands)

Chris de Zeeuw (Erasmus Medical Center, Netherlands)

Freek Hoebeek (Erasmus Medical Center, Netherlands)

Wouter Serdijn (Delft University of Technology, Netherlands)

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POSTER SESSION - BIO-INSPIRED CIRCUITS AND ROBOTICS

Foyer

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3:00 - 4:30

POSTER SESSION - BRAIN-MACHINE INTERFACES AND BIOFEEDBACK

Foyer

Session Chairs: Timothy Constandinou (Imperial College, UK), Sameer Sonkusale (Tufts University, USA)

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3:00 - 4:30

POSTER SESSION - CIRCUITS FOR MEDICAL APPLICATIONS

Foyer

Session Chairs: Timothy Constandinou (Imperial College, UK), Sameer Sonkusale (Tufts University, USA)

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Sandro Carrara (École Polytechnique Fédérale de Lausanne, Switzerland)

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Room 5

Session Chairs: Mohamad Sawan (École Polytechnique de Montréal, Canada), Wouter Serdijn (TU Delft, the Netherlands)

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