



38th Annual International Conference of the *IEEE Engineering in Medicine and Biology Society*

*Disney's Contemporary Resort, Orlando, FL
August 16-20, 2016*

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2016 EMBS Student Paper Competition Finalists

Please join us in congratulating the Finalists selected for the 2016 EMBS Student Paper Competition!

Finalists of the Student Paper Competition present their papers in three special sessions. First, second and third place winners will be selected and receive monetary awards. The award ceremony will take place on Thursday's 09:35 Keynote session in the Ballroom of Americas. *Open to all registered conference attendees*

Student Paper Competition Session I

08:00 – 09:30

Location: Atlantic B

Student Paper Competition Session II

11:00 – 12:30

Location: Atlantic B

Student Paper Competition Session III

17:00 – 19:00

Location: Atlantic B

Geographic Finalists:

North America:

Justin Horowitz

University of Illinois at Chicago

A Fresh Perspective on Dissecting Action into Discrete Submotions

Europe:

Pauline Marie Lefebvre

Université de Lyon

Comparison of Viscoelastic Property Characterization of Plastisol Phantoms with Magnetic Resonance Elastography and High-Frequency Rheometry

Middle East-Africa:

Ahmed Elbaz

Cairo University

Motor Imagery Based Brain Computer Interface Using Transform Domain Features

Asia-Pacific:

Soichiro Fujimura

Tokyo University of Science

Hemodynamic Effects from Coil Distribution with Realistic Coil Models in an Aneurysm

Latin America:

Pedro Luiz Coelho Rodrigues

Escola Politécnica USP

Statistically Significant Time-Varying Neural Connectivity Estimation Using Generalized Partial Directed Coherence

Open Finalists

Yasmin M Kassim

University of Missouri-Columbia

Random Forests for Dura Mater Microvasculature Segmentation Using Epifluorescence Images

Yue Wen

North Carolina State University

Adaptive Control of Powered Transfemoral Prostheses Based on Adaptive Dynamic Programming

Wei Zhu

George Washington University

Gelatin Methacrylamide Hydrogel with Graphene Nanoplatelets for Neural Cell-Laden 3D Bioprinting

Max Shepherd

Northwestern University

Design and Characterization of a Torque-Controllable Actuator for Knee Assistance during Sit-to-Stand

Long Yu

University of Minnesota

Non-Invasive Imaging of Ventricular Activation During Pacing and Arrhythmia: Methods and Validation

Prasanth Ganesan

Rochester Institute of Technology

Development of a Novel Probabilistic Algorithm for Localization of Rotors During Atrial Fibrillation

Vafa Andalibi

University of Helsinki

SiMEA: A Framework for Simulating Neurons on Multi-Electrode Array

Michael McKnight

North Carolina State University

Sensing Textile Seam-Line for Wearable Multimodal Physiological Monitoring

Abbas Sohrabpour

University of Minnesota

Identifying Epileptic Source Location and Extent: An Iterative Sparse Electromagnetic Source Imaging Algorithm

Eliran Dafna

Ben-Gurion University of the Negev

Estimation of Macro Sleep Stages from Whole Night Audio Analysis



Upload Instructions for Oral and Ignite Presentations

Biostamp Research Connect™ Free Lunch Demo & Workshop



Show your friends where you were this summer! EMBC'16 t-shirts for sale, \$12 S/M/L/XL, \$15 XXL. Order through the conference registration system. Limited Quantity!

Keynote & Symposium Speakers



Dave deBronkart, symposium

Important Dates

Proposal submission	11/1/15-2/15/16
4-page papers	
Submission opens	1/2/16
Submission deadline	3/14/16
Accept/reject notification	4/27/16 5/6/16
Final submission deadline	5/20/16
1-page papers	
Submission opens	3/14/16
Submission deadline	4/29/16 5/13/16
Accept/reject notification	5/27/16 5/31/16
Final submission deadline	6/8/16

Future EMBC meetings

EMBC'17 11-15 July 2017 Jeju Island, Korea
EMBC'18 17-21 July 2018 Honolulu, Hawaii
EMBC'19 July 2019 Berlin, Germany
EMBC'20 July 2020 Montreal, Canada
EMBC'21 July 2021 TBA
EMBC'22 July 2022 Glasgow, Scotland
EMBC'23 25-29 July 2023 Sydney, Australia

Tweets by @IEEEembs

