



Combined Annual Meeting of the Finnish Society for Medical Physics and Medical Engineering and BIOMEPE doctoral programme

8-9.2.2018

Tahko Golden Resort (Tahko, Finland)

Thursday 8.2.2018

08:30 Registration and coffee

09:00 Opening of the day: Tapio Seppänen, Chairman of Finnish Society for Medical Physics and Medical Engineering

09:05 UEF greetings: Jukka Jurvelin, Dean of the Faculty of Science and Forestry, University of Eastern Finland, Kuopio, Finland

09:10 Practical issues: Teemu Myllylä (Secretary of Finnish Society for Medical Physics and Medical Engineering) and Siru Kaartinen (coordinator of BIOMEPE doctoral programme)

09:15 Presentations

9:15-9:45 Invited lecture 1

9:45-10:15 Invited lecture 2

10 minutes break

10:25-10:55 Invited lecture 3

10:55-11:25 Invited lecture 4

11:25-12:15 Lunch, posters and exhibition

12:15-12:45 Invited lecture 5

12:45-13:15 Invited lecture 6

13:15-13:45 Invited lecture 7

13:45 Coffee and poster competition

15:00 Results of the poster competition: award ceremony

15:30 Annual general meeting of LFTY

17:00 General meeting of BioMEPE steering committee

19:00 Dinner at Tahko Golden Resort restaurant sponsored by TEK (Academic Engineers and Architects in Finland)



Friday 9.2.2018

8:25 Opening of the day: Rami Korhonen, Director of BioMEP doctoral programme, Department of Applied Physics, University of Eastern Finland

8:30 Presentations

8:30-9:00 **Associate Professor Hanna Isaksson: “Musculoskeletal Biomechanics”**

9:00-9:10 BioMEP PhD student 1

9:10-9:20 BioMEP PhD student 2

9:20-9:30 BioMEP PhD student 3

9:30-9:40 10 minutes break

9:40-10:10 **Associate Professor Raquel Bailon: “Signal processing guided by physiology: application to cardio-respiratory data”**

10:10-10:20 BioMEP PhD student 4

10:20-10:30 BioMEP PhD student 5

10:30-10:40 BioMEP PhD student 6

10:40-10:50 10 minutes break

10:50-11:20 **Assistant Professor Laura Marzetti: “Large scale network synchronization in ongoing brain activity by MEG/EEG”**

11:20-11:30 BioMEP PhD student 7

11:30-11:40 BioMEP PhD student 8

11:40-11:50 BioMEP PhD student 9

11:50-12:50 Lunch, posters and exhibition

12:50-13:20 **Assistant Professor, Oommen P. Oommen, “Extracellular matrix polymers: The building blocks for engineering nanoparticles for drug delivery and imaging”**

13:20-13:30 BioMEP PhD student 10

13:30-13:40 BioMEP PhD student 11

13:40-13:50 BioMEP PhD student 12

13:50-14:20 Coffee break

14:20-14:50 **Assistant Professor Anton Kuzyk: “DNA nanotechnology and DNA based devices and their potential application in diagnostics and therapy”**

14:50-15:00 BioMEP PhD student 13

15:00-15:10 BioMEP PhD student 14

15:10-15:20 BioMEP PhD student 15

15:30 BioMEP student awards

15:45 End of event - Closing words