

EAMBES Fellows Meeting
Biomedical Engineering Challenges in Europe
Program, Dec 1st, 2020, 14h-18h, CET time

Virtual Event

14h – 14h30 : **Introduction and Presentation of 2020 Elected Fellows**, Françoise Peyrin, Constantinos Pattichis, 2020 EAMBES Fellows Election Committee

Session 1 : Imaging, Modeling, Robotics

14h30-14h50 Maria Chiara Carrozza, The BioRobotics Institute, Pisa, Italy, “Biomedical Engineering; Biorobotics and Social Innovation”

14h50-15h10 Elias Cueto, Aragon Institute of Engineering Research, Zaragoza, Spain, “Scientific machine learning for biomechanics”

15h10-15h30 Klaus Engelke, Univ Erlangen, Germany, “ CT imaging of subchondral bone of the knee”

15h30-15h50 Roberto Hornero, Valladolid University, Spain, "Analysis of neural and polysomnographic signals"

15h50-16h00: Max Viergever, Univ Utrecht, The Netherlands

16h00-16h15: Alfio Quaternioni, Politecnico di Milano, Italy

Session 2 : Device and Therapy

16h30-16h50: Joëlle Amédée Vilamitjana, Univ Bordeaux, France, “Composite polymers for bone tissue engineering : why and how to stimulate vascularization and innervations of the bone tissue”

17h50-17h10 Panayiotis Kyriacou, City, University of London, London, UK, “Non-invasive Intracranial Pressure Monitor for Traumatic Brain Injury (TBI)”

17h10 :17h30: Cyril Lafon, INSERM U1032, LABTAU, Univ Lyon, France, « Therapeutic ultrasound transducers conformal to medical needs »

17h30 :17h50 : Minna Kellomäki, Tampere University, Finland, “ Title tba”

17h50 – 18h00 : **Concluding remarks**, Jari Hyttinen, EAMBES Fellows Election Committee

Organizing committee: Françoise Peyrin (Election coordinator, FR), Karin Wårdell (SW), Jari Hyttinen (FI), Constantinos S. Pattichis (CY), Giuseppe Baselli (IT), Olof Lindahl (SW)
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