

Imaps Italy Workshop

Packaging for Medical Electronics

May 8th 2025

Polytechnic University of Milan - Bovisa

Consiglio Hall, Building BL25 - Via Lambruschini, 4



Programme

- 9.00 **Welcome, Introduction and Pack4EU Presentation**
Luigi Calligarich, IMAPS Italy
- 9.10 **Presentation of the activities Fondazione Chips-IT**
Giorgio Dell'Erba, Fondazione Chips-IT - Italy
- 9.35 **Integration of Dispensable Dryers in Implantable Medical Devices**
Luca Mauri, SAES Getters S.p.A - Italy
- 10.00 **Integration of a MEMS pressure sensor in a small-scale plastic fitting by chip&wire processes**
Davide Meroni, Metallux - Switzerland
- 10.25 **Supersonic Cluster Beam Implantation: from discovery to medical implants**
Luca Ravagnan, Wise - Italy
- 10.50 Coffee break
- 11.20 **ST platforms for molecular diagnostics**
Lillo Raia, Erika Galbusera, STMMicroelectronics - Italy
- 11.45 **New Approach of 3D Catheter Assembly Process Developed by AEMtec**
Introduction Ludovic Godin
Online Technical presentation Daniel Lieske, AEMtec - Germany
- 12.10 Lunch
- 14.15 **Wearable sensors for cardiorespiratory monitoring in eHealth applications**
Mariangela Filosa, Scuola Superiore Sant'Anna - Italy
- 14.40 **A noninvasive wearable device to treat rheumatoid arthritis using focused ultrasound**
Anuj Bhardwaj, SecondWave Systems Inc. - USA
- 15.05 **Development of Plasmonic Nanomaterials for High-Throughput LSPR-based Biosensing Applications**
Attila Bonyár, Budapest University of Technology and Economics - Hungary (Online presentation)
- 15.30 Coffee break
- 16.00 **Designing smart wearable biosensing systems for improved signal performance & comfort**
Alexis Bobenrieth, DuPont
- 16.25 **Edible Electronics: Prospects for Future Biosensing Technologies**
Alessandro Luzio, Istituto Italiano di Tecnologia, Italy
- 16.50 Closing remarks



Information

The conference will be held in English language in presence, for up to 100 people.

Access is free and subject to availability, mandatory registration at the following link:

<https://www.imaps-italy.it/in-primo-piano/may-8-2025-packaging-for-medical-electronics.html>

Contacts

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