



**UNIVERSITÀ
DEGLI STUDI
DI TRIESTE**



Cooperation activity
XIV Spring School on
“Clinical Engineering: challenges for Digital Health Integration in Europe”
Trieste, Italy, 18 May – 21 May 2026

Programme

Monday, 18th May – Room 1A, Building D

Clinical Engineering in the Digital Health era

- 14:00 – 14:30 Registration
- 14:30 – 15:30 **Clinical and Biomedical Engineering in Digital Health era**
Prof. Ratko Magjarević – *IFMBE - IUPESM - University of Zagreb, Croatia*
- 15:30 – 16:00 *Coffee break*
- 16:00 – 16:45 **Who shall live? The sustainability of health systems in the digital era**
Prof. Alberto Steindler – *ITS Volta Foundation & BIC Incubators, Italy*
- 17:00 – 17:45 **Clinical Engineering in outsourcing services and open innovation**
Prof. Diego Bravar – *Biovalley Investments, Italy*
- 17:45 – 18:30 **Digital Therapeutics: market access and regulatory pathway**
Prof. Stefano Bergamasco – *MedTech Projects, Italy*

Tuesday, 19th May – Multimedia Room, Building B

Medtronic workshop and social event

- 08:30 – 08:45 **Welcome and Medtronic introduction**
Prof. Miloš Ajčević – *University of Trieste, Italy*
- 08:45 – 09:05 **Medtronic & Cardiac Rythm Management**
Dr. Danko Tomašić, PhD – *Medtronic*
- 09:05 – 09:35 **Cardiac pacing**
Dr. Sc. Ferek-Petrić Božidar – *Medtronic*
- 09:35 – 10:05 **Sudden Cardiac Death & Implantable Cardioverter Defibrillator (ICD)**
Ela Vidović, MSc Eng. – *Medtronic*
- 10:05 – 10:30 *Coffee break*
- 10:30 – 10:50 **Heart Failure & Cardiac Resynchronization Therapy (CRT)**
Dr. Danko Tomašić, PhD – *Medtronic*
- 10:50 – 11:30 **Innovations/Diagnostics/Ablation**
Dr. Marko Perković – *Medtronic*
- 11:30 – 12:00 **Wrap-up**
- 12:00 – 14:00 *Lunch*
- 14:00 – 17:30 **Social event: Visit to Trieste City Hall**

Chair:

Prof. Miloš Ajčević

Organizing Committee:

Prof. Agostino Accardo

Prof. Aleksandar Miladinović

Local committee:

Katerina Iscra, PhD

Francesco Bassi, PhD

Simone Krešević, PhD

Alessandro Biscontin, MSc

Spring School Secretariat:

Giovanna Galuppo, BSc

Andrea Bonini, MSc, Eng

Alberto Bortolotto, MSc

Elisa Silli, MSc



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Wednesday, 20th May – Room 1A, Building D

TechCare Workshop 1.0: AI and Digital Health for elderly and frail population

- 9:00 – 9:30 **TechCare Workshop 1.0 opening**
Prof. Miloš Ajčević – *University of Trieste, Italy*
- 9:30 – 10:30 **AI in healthcare**
Dr. Andrea Poli, PhD – *O3 Enterprise, Italy*
- 10:30 – 10:45 **Coffee break**
- 10:45 – 11:30 **Key Challenges in Medical Device Development for Clinical and Biomedical Engineers**
Ilaria Pecorari, PhD – *Cosylab, Slovenia*
- 11:30 – 12:00 **Telemedicine in the context of Digital Healthcare Transformation**
Michela Bona, MSc Eng. – *Intellera Consulting part of Accenture, Italy*
- 12:00 – 12:30 **Health Technology Assessment of Home Care Systems**
Francesco Bassi, PhD – *University of Trieste, Italy*
- 12:30 – 14:00 **Lunch**
- 14:00 – 14.15 **TechCare Project: From Home Care Assistance Needs to AMICA**
AI-Based Smart Telemonitoring in the AdvANced Technology for Human-Centered Medicine Framework (PNC–PNRR Italy)
Fabio Tinello, MSc – *ItaliAssistenza SpA, Italy*
- 14:15 – 14:45 **From Machine Learning to Neurosymbolic AI**
Alessandro Biscontin, MSc Eng. – *IRCCS Burlo Garofolo and University of Trieste, Italy*
- 14:45 – 15:30 **Explainable Hybrid AI for Real-Time Behavioral Monitoring in Ambient Assisted Living**
Simone Kresevic, PhD – *University of Trieste, Italy*
- 15:30 – 16.15 **Predictive Modeling and Explainable Frameworks for behavioural monitoring and smart alert**
Prof. Aleksandar Miladinovic – *University of Trieste, Italy*
- 16:15 – 16:30 **Coffee break**
- 16:30 – 17:00 **Digital Therapeutics in Action: Insights from Germany’s DiGA Model**
Virginia Gomiselli – *Frankfurt School of Finance and Management*
- 17:00 – 17:30 **MindMove: a mobile Health solution for motor telerehabilitation**
Giacomo Grion, MSc Eng– *Prodigys SpA, Italy*
- 17:30 – 18:30 **EEG-based research concerning Brain Aging**
Jurij Dreo – *BrainTrip, Slovenia*

Thursday, 21st May – Multimedia Room, Building B

Biomedical Engineering: innovation and global impact

- 9:30 – 10:30 **Democratizing Inclusion through Open-Source Assistive Technologies**
Prof. Branislav Gerazov – *FEEIT, Ss Cyril and Methodius University in Skopje, Macedonia*
- 10:30 – 10:45 **Coffee break**
- 10:45 – 11:45 **Innovative Medical Devices: Empowering Healthcare in Developing Countries**
Lorenzo Zucchini, PhD – *Bilimetrix s.r.l., Italy*
- 11:45 – 12:45 **Possibilities and limitations of artificial organs - then and now**
Prof. Nadica Miljković – *University of Belgrade, Serbia*
- 12:45 – 13:15 **Bioengineering research activities at University of Trieste**
BioIngTS group – *University of Trieste, Italy*
- 13: 15 – 13:30 **Closing of the School**