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Italiadomani
PIANO NAZIONALE DI RIPRESA E RESILIENZA

Università Ca'Foscari Venezia

SELECTED TOPICS IN BIOELECTRONICS: FROM THIN FILM TO IONTRONICS

martedì 23 luglio 2024, ore 14.00 – 16.00

Aula Delta 0A, Campus Scientifico, Via Torino 155, Mestre, Venezia

Also online via Google Meet:
https://meet.google.com/gma-mdre-jdu
Event in English

14.00 - 14.30
On-selective membranes and and conductive polymers for iontronic devices: a modeling perspective
Prof. **Luca Selmi**, University of Modena and Reggio Emilia

14.30 - 15.00
Opportunities of the fabless design model for thin- film transistor technologies
Prof. **Kris Myny**, KU Leuven

15.00 - 15.30
Ultra-flexible electronics enabled by two-dimensional materials
Prof. **Gianluca Fiori**, University of Pisa

15.30 - 16.00
Flexible Strain and Temperature Sensors Based on Monolayer Molybdenum Disulfide
Prof. **Alwin Daus**, University of Freiburg.

Chair: Prof. **Giovanni Antonio Salvatore**, Ca' Foscari University of Venice

These seminars have the main goal of informing and inspiring students and young researchers about some emerging topics in bioelectronics. The talks from internationally renowned experts deal with thin film devices and circuits based on novel materials and with new computational and sensing paradigms (ionotronics). The field of applications of these devices and circuits go beyond electronics and embrace bio and neurotechnology, robotics, Internet of Things.

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