

Schedule

13:00

REGISTRATION AND COFFEE

13:30

OPENING

Dean Jyrki Vuorinen

13:35

STRETCHABLE ELECTRONICS – TECHNOLOGIES AND APPLICATIONS

Professor Matti Mäntysalo, Tampere University

13:55

GREEN ENERGY FOR IOT

Professor Donald Lupo, Tampere University

14:15

WEARABLE PATIENT MONITORING SENSORS FOR INTRA-HOSPITAL USE

Dr. Juha Virtanen, Principal Engineer, Wearable Sensors, GE Healthcare

14:35

PITCH AND CATCH

1. **Researcher Milad Mosallaei**
Geometry optimization to improve stretchability
2. **Researcher Tiina Vuorinen**
Printed electrodes for wireless ECG and respiration monitoring
3. **Dr. Behnam Khorramdel**
Inkjet printed circuits
4. **Professor Paul Berger**
High-speed thin-film components
5. **Dr. Donato Di Vito**
Modeling and characterization know how

14:55

SCIENCE PLAYGROUND

Coaches Marja Hyypiä & Leena Köppä

15:45

LAB VISIT: PRINTED ELECTRONICS LABORATORY

Capacity 20 max. persons

Presenter: Dean Jyrki Vuorinen, Faculty of Information Technology and Communication,
Tampere University