



Annual PhD research presentations

November 30th, 2018

Sala Consiliare, Faculty of Engineering, via Branze 38

- 14:00 **Alessandro Cudicio** (Prof. Corrado Paganelli, Prof. Claudio Orizio)
Neuro-mechanical and functional evaluation in healthy subjects and in patients with altered motor control
- 14:15 **Elena De Angelis** (Prof. Marialuisa Volta)
Integrated Assessment Modelling to support decision makers in planning air quality and climate change win-win policies
- 14:30 **Dhiego Fernandes Carvalho** (Prof. Paolo Ferrari, Prof. Emiliano Sisinni)
LPWAN and IoT technologies for health applications
- 14:45 **Nicoletta Inverardi** (Prof. Fabio Bignotti, Prof. Stefano Pandini)
3D printed shape memory polymers for biomedical applications
- 15:00 **Giulia Paiardi** (Prof. Marco Rusnati, Prof. Paolo Bergese)
Integrating bioinformatics and biosensors to single out antiangiogenic small chemical compounds
- 15:15 **Agnese Segala** (Prof. Alessandra Valerio)
Multidimensional approach to Frailty Syndrome of the elderly: characterization in mice models and set up of new optical imaging methods in humans
- 15:30 **Lorenzo Svanetti** (Prof. Corrado Paganelli, Prof. Nicola Francesco Lopomo)
Study of the forces related to the CPAP mask on the face and possible effects on craniofacial growth
- 15:45 **Giovanni Vinetti** (Prof. Guido Ferretti, Prof. Nicola Francesco Lopomo)
Wearable sensors to enhance safety and performance of human deep breath-hold diving
- 16:00 **Davide Gibin** (Prof. Gianni Gilioli, Prof. Maria Luisa Volta) [Skype]
Design and application of an integrated platform for assessing the environmental impact of food production and consumption