



ENHANCE Summer School

May 16-18, 2018: Besançon, France

In conjunction with the 8th edition of the
JNRSE (May 14-15)



REGISTRATION & INFO

enhance-ss2018.sciencesconf.org

ENHANCE PROJECT

itn-enhance.com



Multidisciplinary Introductory School to Energy Harvesting Microsystems

Lectures

Dr. Ausrine Bartasyte
(Université de Franche-Comté) - France

- Introduction to tensors, piezoelectricity, symmetry and ferroelectricity in bulk materials
- Piezoelectric thin films & nanostructures. Fabrication methods, structural and physical properties

Prof. Paul Muralt
(EPFL) - Switzerland

- Piezoelectric thin films growth methods & characterization methods
- Piezoelectric transduction: vibrational energy harvesting by piezoelectric materials. Measurement of coupling in MEMS structures

Prof. Paul Mitcheson
(Imperial College London) - UK

- Basic introduction to energy harvesting circuits and vibrational energy harvesting systems
- Introduction to low power electronics for PIVEHs

Dr. Micky Rakotondrabe
(Université de Franche-Comté) - France

- Design & mechanical modelling using automatics and control tools

Dr. Mickael Lallart
(INSA Lyon) - France

- Advanced electronic solutions for energy harvesting

Live event streaming !

link at itn-enhance.com/summer-school-2018 and femto-st.fr

Obligatory registration at enhance-ss2018.sciencesconf.org

Free access to students and PhD students



20h Course credit - SPIM doctoral school



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