

Mini-workshop:
Nano-magnetism
Wednesday, October 14th 2026
IPCMS Auditorium

09:00-09:45 – Reinoud LAVRIJSEN

Group Physics of Nanostructures, Eindhoven University of Technology, The Netherlands
*Electrical and optical skyrmion nucleation in multilayers with
an alternating DMI sign*

09:45-10:30 – Dieter SUESS

Physics of Functional Materials, University of Vienna, Austria
*GPU-Accelerated Inverse Micromagnetics: From Billion-Cell
Simulations to Magnonic Device Optimization*

%%%%%%%%%%%% Coffee Break %%%%%%%%%%

11:00-11:45 – Bernard DIENY

Spintec, CEA Grenoble, France
*Magneto-Mechanical Stimulation of Cells: A very useful tool
for mechanobiology and a novel Approach in Cancer Therapy*

*This mini-workshop will be followed by the
PhD Defense of Quentin ROSSI at
14:00 in the IPCMS Auditorium*

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