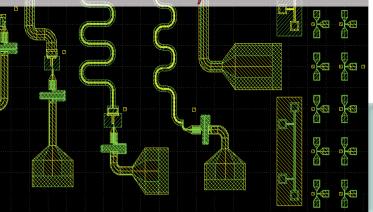
August 25 - September 7 **Grenoble, France**





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A journey through some of the physical properties of 2D materials Johann CORAUX, Institut Néel-CNRS / Université Grenoble Alpes

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MOSFET physics and technology

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Technologies of nanofabrication

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From Fundamentals to Applications

Stephan ROCHE, ICN2, Barcelona

Near-field microscopies

Hans Joseph HUG, EMPA, Dübendorf & University of Basel

SESSION Nano Bio Sciences

Advanced biophysics to study molecular systems

Ruud HOVIUS, EPFL, Lausanne & Joachim PIGUET, KTH Royal Institute of Technology,

Mechanics of molecules and biological structures

Bart HOOGENBOOM, University College London

Nanostructured composite materials: from biological hard tissues to biomi-

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Nano-oncology

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Pros and cons of carbon based nanomaterials / (nano)plastics may not be so fantastic! Cyrill BUSSY, Centre for Nanotechnology in Medicine, University of Manchester

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Mangala SRINIVAS, Université Paris Cité

Luminescence thermometry for biological applications

Erving Clayton XIMENDES, Universidad Autónoma de Madrid

COMMON

Near-field microscopies

Hans Joseph HUG, EMPA, Dübendorf & University of Basel

Nathanne ROST & Raphaël LEVY, Univ. Sorbonne Paris Nord Synthesis of Nanoscale Systems (Title TBC)

Bart Jan RAVOO, University of Münster

Cyrill BUSSY, Centre for Nanotechnology in Medicine, University of Manchester



PRACTICALS

The program emphasizes the role of numerous "hands-on" practicals held at CIME Nanotech cleanroom facilities and in more than 20 research laboratories of Grenoble.

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