



WAVE PHENOMENA AND PHONON THERMAL TRANSPORT

Scientific school
Oléron, Atlantic Coast (France)
September 3-8, 2017






GDRi Thermal Nano 

GDR META Métamatériaux acoustiques pour l'ingénierie

PHONON SCHOOL 2017

The networks GDRi Thermal NanoSciences and NanoEngineering and GDR METAmaterial are organizing a **scientific school devoted to phononics, both at the elastic and thermal levels**. We hope to promote discussion between different communities involved in acoustics, nanoscale heat transfer, nanofabrication, and address topics such as coherence, spectra, relaxation times, manipulation of phonon dispersion, rectification, vibrations in disordered media, metamaterials, etc. The lectures will be given by prominent players of the field on diverse aspects, including theoretical fundamentals, design and fabrication, numerical methods, at room and low temperatures.

Confirmed lecturers:

- C. AMRA, Institut Fresnel Marseille (France)
- B. BONELLO, INSP Paris (France)
- O. BOURGEOIS, Institut Néel Grenoble (France)
- B. DJAFARI-ROUHANI, IEMN Lille (France)
- B. DUBUS, IEMN Lille (France)
- V. GIORDANO, ILM Lyon (France)
- B. LI, University of Colorado, Boulder (USA)
- I. MAASILTA, University of Jyväskylä (Finland)
- S. MERABIA, ILM Lyon (France)
- M. NOMURA, Tokyo University (Japan)
- B. PERRIN, INSP Paris (France)
- J.F. ROBILLARD, IEMN Lille (France)
- C. SOTOMAYOR TORRES, ICN2 Barcelona (Spain)
- S. VOLZ, LIMMS Tokyo (Japan)



Organizers: P-O. CHAPUIS, CETHIL Lyon (France); B. DJAFARI-ROUHANI, IEMN Lille (France); J.F. ROBILLARD, IEMN Lille (France); S. VOLZ, LIMMS Tokyo (Japan)

Location: Oléron Island is located on the Atlantic Coast in France in an area famous for its oysters. The scientific school will take place in the centre *La Vieille Perrotine* known for its friendly atmosphere stimulating discussions. It can be reached by fast train (TGV) from Paris through La Rochelle, where shuttle buses will be organized to *La Vieille Perrotine*.



Registration:

Online registration before August 1st, 2017: <https://www.azur-colloque.fr/DR07/inscription/>

Registration fees (full board): Student 380 euros / Academic 600 euros incl. VAT.

Information: PhononSchool@insa-lyon.fr → See also the [website!](#)