



XVII Conference on Phonon Scattering in Condensed Matter

July 2nd – 7th, 2023
Paris, France

FIRST ANNOUNCEMENT CALL FOR ABSTRACTS

IMPORTANT DATES

Abstract submission deadline: March 10th 2023

Notification of outcome of abstract assessment: April 8th 2023

Early registration deadline: May 15th 2023

Start of the conference: July 2nd 2023

<https://phonons2023.sciencesconf.org/>

Scope of the conference:

Light, neutron and x-ray inelastic scattering
Nano- and micro-scale phonon transport
Phonons and phonon-phonon interactions in nanoscale materials and structures
Coherent phonons and ultrafast acoustics
Lattice dynamics
Electron-phonon interactions
Phonons in MEMS and NEMS and optomechanical systems
Phonons in glasses and disordered materials
Phononic crystals
Phonon laser (saser)
Phonons in biological materials
Phonons in emerging two-dimensional systems
Quantum nanoacoustics
Surface acoustic waves, science and technology
Topological phononics
Nonlinear phonon phenomena
Phonon applications in quantum technologies
New phonon techniques, materials and phenomena



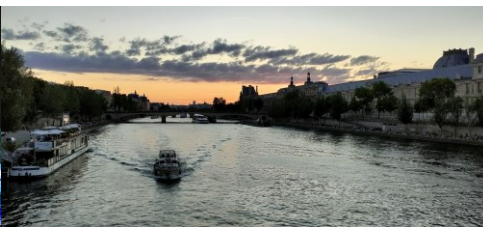
Venue:

CNAM Paris, France

July 2nd – 7th, 2023

Confirmed Plenary speakers:

Andrea Alu, CUNY Advanced Science Research Center, USA
Alexander Balandin, University of California at Riverside, USA
Christopher Bauerle, Institut Neel, CNRS, France
Alex Fainstein, Instituto Balseiro, CNEA, Argentine
Alexei Maznev, MIT, USA
Eva Weig, Technical University of Munich, Germany
Hiroshi Yamaguchi, NTT, Japan
Lifa Zhang, Nanjing Normal University, China





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