

# XVII Conference on Phonon Scattering in Condensed Matter

July 2<sup>nd</sup> – 7<sup>th</sup>, 2023  
Paris, France



## SECOND ANNOUNCEMENT CALL FOR ABSTRACTS

### IMPORTANT DATES

~~Abstract submission deadline: March 10<sup>th</sup> 2023~~

**Abstract Submission Extended until March 21<sup>st</sup> 2023!**

Notification of outcome of abstract assessment: April 8<sup>th</sup> 2023

Early registration deadline: May 15<sup>th</sup> 2023

Start of the conference: July 2<sup>nd</sup> 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 2<sup>nd</sup> – 7<sup>th</sup>, 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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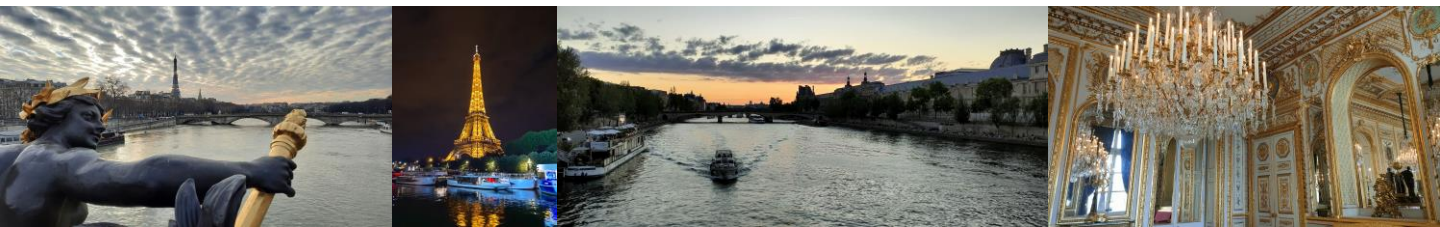
#### Invited speakers:

Jouni Ahopelto, VTT, Finland  
Ilya Akimov, TU Dortmund, Germany  
Sunil Bhave, Purdue University, USA  
Warwick Bowen, University of Queensland, Australia  
Marta De Luca\*, University of Rome - La Sapienza, Italy  
Martin Esmann, University of Oldenburg, Germany  
Christophe Galland, EPFL, Switzerland  
Valentina Giordano, Institut Lumiere Matiere, France  
Vincent Juvé, IMMM, France  
Wu Li, Shenzhen University, China  
Jose Ordoñez Miranda, University of Tokyo, Japan  
Claire Prada, Institut Langevin, France  
Riccardo Rurali, ICMAB, Spain  
Eiji Saitoh, University of Tokyo, Japan  
Chi Kuang Sun, National Taiwan University, Taiwan, R.O.C.  
Zhiting Tian, Cornell University, USA

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More to be confirmed soon...





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