

7th INTERNATIONAL CONFERENCE ON PHONONIC CRYSTALS/
METAMATERIALS, PHONON TRANSPORT, AND TOPOLOGICAL PHONONICS

June 9-13, 2025 – Seoul, Korea

The study of phonons—a core discipline in the conventional condensed matter physics literature—is currently being viewed in a new light. With a focus on both elucidation and manipulation of phonons across multiple scales, the emerging field of phononics has been vigorously gathering pace in recent years. In 2011, Phononics 2011 was launched as a prime international conference for the field to take place on a biannual basis. Phononics 2025, the seventh in the series, welcomes scientists and engineers from across disciplines and from across the world.

Venue

Olympic Park Hotel, Seoul, Korea

Timeline

14 March, 2025: Abstract deadline
11 April, 2025: Notification of acceptance
18 April, 2025: Early bird registration deadline
9-13 June, 2025: Technical program

Themes

- Phononic Crystals (1)
- Acoustic/Elastic Metamaterials (2)
- Acoustic/Elastic Metasurfaces (3)
- Temporal Phononic Materials (4)
- Topological Acoustics and Phononics (5)
- Nonlinear Phononics (6)
- Nanoscale Phononics (7)
- AI in Phononics (8)
- Applied Phononics (9)

Conference Chairs

Professor Jinkyu “JK” Yang (Chair)
Seoul National University, Republic of Korea
Associate Professor Joo Hwan Oh (Chair)
Seoul National University, Republic of Korea
Distinguished Professor Yoon Young Kim (Chair)
Sookmyung Women's University, Republic of Korea

International Organizing Committee (IOC)

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| Prof. Bernard Bonello, Sorbonne Université (France) | Prof. Baowen Li, Southern UST, Shenzhen (China) |
| Prof. Pierre A. Deymier, University of Arizona, Tucson (USA) | Prof. William J. Parnell, University of Manchester (UK) |
| Prof. Bahram Djafari-Rouhani, Université Lille 1 (France) | Dr. Charles M. Reinke, Sandia National Laboratories (USA) |
| Prof. Ihab El-Kady, Sandia National Laboratories (USA) | Prof. José Sánchez-Dehesa, Univ. Politécnica de Valencia (Spain) |
| Prof. Mahmoud I. Hussein, University of Colorado Boulder (USA) | Prof. Clivia M.S. Torres, Int. Iberian Nanotechnology Lab. (Portugal) |
| Prof. Abdelkrim Khelif, CNRS (France) | Prof. Ying Wu, King Abdullah Univ. of Science and Tech. (Saudi Arabia) |

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Website: www.phononics2025.org





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Sharm El-Sheikh, Egypt



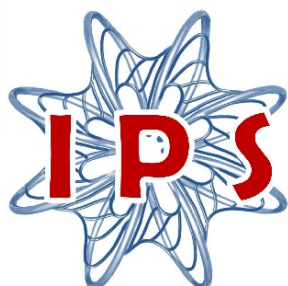
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