



# Phononics

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## INTERNATIONAL CONFERENCE ON PHONONIC CRYSTALS/ METAMATERIALS, PHONON TRANSPORT & OPTOMECHANICS

**June 2-7, 2013 – Sea-resort City of Sharm El-Sheikh, Egypt**

*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 2013, the second in the series, welcomes scientists and engineers from across disciplines and from across the world.*

### Themes

- Phononic crystals (1)
- Phononic metamaterials (2)
- Wave propagation in periodic structures (3)
- Nano-scale phonon transport (4)
- Optomechanics and Coupled Phenomena (5)

### Timeline

- 1 Feb, 2013: Abstract deadline
- 1 Mar, 2013: Notification of acceptance
- 1 Apr, 2013: Early bird registration deadline
- 2 Jun, 2013: Reception and onsite registration
- 3-7 Jun, 2013: Technical program

### Conference Chairs

**Professor Ihab F. El-Kady**  
Sandia National Laboratories (USA)

**Professor Mahmoud I. Hussein**  
University of Colorado Boulder (USA)

### International Organizing Committee (IOC)

Prof. Che Ting Chan, Hong Kong Univ. of Science and Tech.

Prof. Baowen Li, National Univ. of Singapore/Tongji University

Prof. Pierre Deymier, University of Arizona, Tucson (USA)

Prof. José Sánchez-Dehesa, Univ. Politécnica de Valencia (Spain)

Prof. Bahram Djafari-Rouhani, Université Lille 1 (France)

Prof. Tsung-Tsong Wu, National Taiwan University

Prof. Abdelkrim Khelif, CNRS (France)

