



June 4 – 9, 2017

Changsha, China

EMPARK Hotel

<http://phononics.2017.org>

4th INTERNATIONAL CONFERENCE ON PHONONIC CRYSTALS/METAMATERIALS, PHONON TRANSPORT/COUPLING AND TOPOLOGICAL PHONONICS

The study of phonons—a core discipline in conventional condensed matter physics—continues to grow with momentum and fresh new perspectives. With a focus on both the understanding and control of phonons across multiple scales, “phononics” has emerged as a new field that is impacting a variety of traditional disciplines including mechanics, acoustics, heat transfer, and others. In 2011, Phononics 2011 was launched in New Mexico, USA, as the prime international conference for the field to take place on a biannual basis. After continuing success at Phononics 2013 in Sharm El-Sheikh, Egypt, and Phononics 2015 in Paris, France, Phononics 2017—the fourth in the series—welcomes scientists and engineers from across disciplines, and from across the world, in the historical city of Changsha, China.

Themes

Phononic crystals	Nanoscale thermal transport
Phononic metamaterials	Phonon coupling and optomechanics
Wave propagation in periodic structures	Phononic topological insulators

Timeline

28 Feb, 2017: Extended Abstract deadline
 1 Mar, 2017: Notification of acceptance
 4 Jun, 2017: On-site registration and reception

Honorable Chair

Ping Sheng
 Hong Kong University of Science and Technology

Conference Chairs

Jihong Wen
 National University of Defense Technology

Baowen Li
 University of Colorado, Boulder/Tongji University

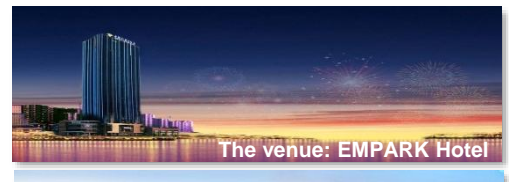
International Organizing Committee

Bernard Bonello, Univ. Pierre et Marie Curie and CNRS
 Che Ting Chan, Hong Kong Univ. of Science and Tech
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 Bahram Djafari-Rouhani, Université Lille 1
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 Abdelkrim Khelif, FEMTO-ST and CNRS
 José Sánchez-Dehesa, Univ. Politécnica de Valencia
 Tsung-Tsong Wu, National Taiwan University

Local Organizing Committee

Dianlong Yu, NUDT (China) Jianfei Yin, NUDT (China) Yong Xiao, NUDT (China) Xiangfan Xu, Tongji Univ. (China)
 Email: chair@phononics2017.org Tel.: 86-731-84574369 or 86-18627559330 (Dr. Jianfei Yin)



Changsha and Zhangjiajie, Hunan, China