

## First announcement

# International Symposium on Acoustic Metamaterials



**May 23-25, 2011**

**Beijing Institute of Technology, Beijing, China**

<http://isam2011.bit.edu.cn>

## IMPORTANT DATES

<b>Jan 15<sup>th</sup>, 2011</b>	Deadline for submission of abstract
<b>Feb 15<sup>th</sup>, 2011</b>	Deadline for notification of acceptance
<b>Apr 15<sup>th</sup>, 2011</b>	Deadline for registration

## SYMPOSIUM THEME

Acoustic/elastic metamaterials consist of tailored microstructures that give rise to unusual effective properties not easily found in nature, such as negative mass density and negative modulus. The concept of metamaterials leads to a vast possibility in material design for control of wave motion. The past decade has witnessed a growing interest in the study of acoustic metamaterials and their potential engineering applications. Compared to electromagnetic metamaterials, acoustic metamaterials are still in their infancy. It is therefore the purpose of this symposium to provide a forum for active researchers in the fields of solid mechanics, composites, wave mechanics, and physics and to exchange their ideas with the hope that new ideas for further research and applications may continue to emerge. Within this overarching theme, the prospective topics to be covered in the symposium are:

- Acoustic/elastic metamaterials
- Phononic crystals
- Controlling acoustic/elastic waves
- Acoustic/elastic transformation method
- Applications based on acoustic/elastic metamaterials

## SCIENTIFIC COMMITTEE

Prof. C.T. Chan	HKUST, Hong Kong
Prof. N. Fang	University of Illinois at Urbana-Champaign, USA
<b>Prof. G.K. Hu (Co-Chair)</b>	Beijing Institute of Technology, China
Prof. G.L. Huang	University of Arkansas at Little Rock, USA
Prof. Z.Y. Liu	Wuhan University, China
Prof. G. Milton	University of Utah, USA
Prof. J. Sánchez-Dehesa	Polytechnic University of Valencia, Spain
<b>Prof. C.T. Sun (Co-Chair)</b>	Purdue University, USA
Prof. Y.S. Wang	Beijing Jiaotong University, China

## Participation

Prospective participants are asked to submit a one page abstract stating main results and conclusions. All the abstracts will be reviewed and authors of accepted contributions will receive a formal invitation letter. Abstracts must be in Microsoft Word format only, and should be sent by e-mail to

[isam2011@bit.edu.cn](mailto:isam2011@bit.edu.cn)

## Registration and Accommodation

The registration fee is 450 USD. The registration fee covers admission to technical sessions, lunches and refreshment breaks, dinners, conference banquet, half-day excursion, and a copy of the Symposium Proceedings. The Symposium will be held in *International Education Exchange Center* at Beijing Institute of Technology. The information of the recommended hotels for the Symposium is attached.

## Local Organizing Committee

**Dr. X.M. Zhou** (BIT, China) [zhxming@bit.edu.cn](mailto:zhxming@bit.edu.cn)  
**Dr. X.B. Cai** (BIT, China) [caixiaobing@bit.edu.cn](mailto:caixiaobing@bit.edu.cn)  
**Mr. Z.J. Li** (BIT, China) [lizhenjiang@bit.edu.cn](mailto:lizhenjiang@bit.edu.cn)

## Contact

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## Accommodation

Special room rates have been secured for the Symposium. We will send the reservation form together with the second announcement.

Brief introductions of the hotels are given below.

### International Education Exchange Center (3-Star)

Tel.: + 86 10 6894 5611, Fax: +86 10 68945563

Add.: No.5, Zhongguancun Street, Haidian District, Beijing 100081, China



### Friendship Hotel (5-Star)

Tel.: + 86 10 6849 8880, + 86 10 6849 8080

Fax: +86 10 6849 9698

Web: <http://www.bjfriendshiphotel.com>

Add.: No.1, Zhongguancun Street, Haidian District, Beijing 100081, China

