



# International Conference on Inverse Problems and Related Topics

Dec 15 - Dec 19, 2014 *National Taiwan University*

## Scientific committee

Gang Bao  
Michael Hintermuller  
Takkaki Nara  
Lassi Paivarinta  
Jin-Keun Seo  
Plamen Stefanov  
Bo Zhang  
Jun Zou

## Background

The 7th International Conference on Inverse Problems and Related Topics will take place at National Taiwan University, Taipei, from Dec 15 to Dec 19, 2014. This series of conferences were previously held in Hong Kong (2002), Shanghai (2004), Hokkaido (2006), Daejeon (2009), Hong Kong (2010), and Nanjing (2012). This conference features speakers from both theoretical (mathematics) and applied (engineering) aspects of inverse problems. It aims to strengthen the interaction and, most importantly, to nurture collaborations between two groups of scientists. In addition, one of the focuses of the conference is to promote young scholars in inverse problems in the Asia-Pacific region.

## Scopes

Inverse problems arise in many areas of science including mathematics, engineering, medicine, physics, and geophysics. The varieties of their applications are enormous such as medical imaging, oil exploration, radar, sonar and seismology. In the last twenty years the active research carried out in the field of inverse problems has made it become a very promising interdisciplinary topic. The themes of the conference include, but are not limited to:

- Inverse boundary value problems
- Inverse scattering problems
- Medical imaging
- Cloaking and invisibility

All scientists who are interested in the current research trends in the field of inverse problems are welcome to attend the conference.

## Organizing committee

Xudong Chen  
Jin Cheng  
Benny Hon  
June-Yub Lee  
Jijun Liu  
Jenn-Nan Wang  
Masahiro Yamamoto

## Plenary Speakers

M.I. Belishev  
Eric T Chung  
Dong-Hyun Kim  
Ching-Lung Lin  
Fa-Hsuan Lin  
Takahide Sakagami  
John Schotland  
Zuowei Shen

Mourad Sini  
Leo Tzou  
Masaaki Uesaka  
Gunther Uhlmann  
Haibing Wang  
Ting Wei  
Jong Chul Ye

## MediaV Young Researcher Award

The prize is awarded to scholars at the age of 40 or less who have made important contributions to the field of inverse problems. At most two awardees are given and the recipients will be invited to give plenary speeches in ICICP 2014. Each awardee will receive RMB 5,000 and a certificate. The award will be presented during the opening ceremony of the conference on December 15, 2014. The chair of selection committee for the MediaV Young Researcher Award 2014 is Prof. Dr. Alfred K. Louis.

Conference website: <http://homepage.ntu.edu.tw/~jnwang/icip2014/>

