

**The Institute of Biophysics, Imaging and Optical Science (IBIOS) invite you to our conference on**



# **Functional Optical Imaging**



**Saturday 3rd - Sunday 4th  
December 2011**

The University of Nottingham  
Ningbo, China

For further information and to register  
please visit

**[www.nottingham.ac.uk/ibios](http://www.nottingham.ac.uk/ibios)**

or email

**[ibios@nottingham.ac.uk](mailto:ibios@nottingham.ac.uk)**

Confirmed Speakers Include:

**Dr. Gil Bub - University of Oxford, UK**

**Prof. Amitabha Chattopadhyay - Centre for Cellular & Molecular Biology, India**

**Prof. Arthur Chiou - National Yang-Ming University, Taiwan**

**Dr. Alberto Diaspro - Istituto Italiano di Tecnologia, Italy**

**Prof. Min Gu - Swinburne University, Australia**

**Prof. Sung June Kim - Seoul National University, Republic of Korea**

**Prof. Fu-Jen Kao - National Yang-Ming University, Taiwan**

**Dr. Roger Light - University of Nottingham, UK**

**Dr. Qingming Luo - Huazhong University of Science & Technology, China**

**Dr. Klaus Sühling - King's College London, UK**

**Dr. Kevin Webb - University of Nottingham, UK**

**Prof. Tony Wilson - University of Oxford, UK**



December 3rd - 4th 2011

# Functional Optical Imaging 2011

University of Nottingham, Ningbo, China

## Announcement and Call for Papers

Functional Optical Imaging is an important and rapidly advancing field with major breakthroughs in resolution and quantification. Moreover, it has been recognized that light can be used not only for imaging but also to change the position and properties of the cell. Functional Optical Imaging is now a highly multidisciplinary area involving biologists, biochemists, physicists, chemists and engineers. Not only is it multidisciplinary but it is also highly multinational and we believe this conference will uniquely reflect this aspect of the field. We now invite submission of papers in topical areas of Functional Optical Imaging some of which are listed.

## Conference Location

Following the success of our 2009 conference on Functional Optical Imaging at the University of Nottingham's UK campus, the second conference in this series will take place at the University of Nottingham's Ningbo Campus in China. It is hoped that hosting the conference in this location will recognize the ever increasing influence of research in China and the Far East and showcase the University's international vision.

## Conference Chairs

Prof Paul O'Shea and Prof Mike Somekh

## Conference Committee

Dr Mark Pitter, Dr Noah Russell, Dr Kevin Webb, Laura Nightingale, Lesley Gray and Kelly-Ann Vere

[www.nottingham.ac.uk/ibios](http://www.nottingham.ac.uk/ibios)



## Instructions for Authors

Please send a one-page abstract (300 words) by email to [ibios@nottingham.ac.uk](mailto:ibios@nottingham.ac.uk). Abstracts should be in English and contain your name, institution, address, paper title and a brief description of the topic.

Deadline to be considered for oral presentations: 8th August

Deadline to be considered for poster presentations: 8th November

Proceedings will be published as *Functional Optical Imaging II* (ISBN-13 9780853582779)

## Conference Topics to include

- ✧ New imaging techniques
- ✧ Super resolution
- ✧ Three dimensional imaging
- ✧ Label free imaging
- ✧ Optical Tweezers and sample manipulation
- ✧ Optical cell modification
- ✧ Cell signalling
- ✧ Applications of microscopy to neuroscience, cardiology and membrane biophysics
- ✧ New technologies
- ✧ Biomedical sensing and screening

## Registration Fee

The registration fee for the conference will be €350 for delegates (€300 before August 8th 2011) and €250 for full-time students. Special rate for delegates from universities in mainland China: CNY2000. This includes a copy of the conference proceedings, lunch & refreshments (accommodation exclusive).

The official language of the conference is English (including abstracts, papers and presentations).



The University of Nottingham

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