

NANOPHOTONICS DOWN UNDER 2009 DEVICES AND APPLICATIONS

June 21 - 24, 2009
Melbourne Convention Centre, Melbourne, Australia



Nanophotonics Down Under 2009 Devices and Applications will be an interdisciplinary meeting devoted to laser and light interaction with nanodimensional objects for photonics applications. The conference plans to bring together international specialists with a primary aim to collectively identify key challenges in the emerging applications of nanophotonics.

Conference Topics

Metamaterials
Photovoltaics and Solar Cells
Nano-plasmonics
Photonic Crystals
Optical Data Storage
Nano-optics
Bio-photonics

Biosensors
Laser Trapping and Tweezers
Modern Optical Microscopy & Nanoscopy
Nano-materials
Super-resolution
Silicon Nanophotonics
Display Devices



WWW.SMONP2009.COM

NANOPHOTONICS DOWN UNDER 2009 DEVICES AND APPLICATIONS



CALL FOR PAPERS

June 21 – 24, 2009
Melbourne Convention Centre,
Melbourne, Australia

www.smonp2009.com



General Information

The Sir Mark Oliphant Conferences - International Frontiers of Science and Technology is a conference series under the Australian Government's International Science Linkages Programme to stage strategically significant international conferences in Australia on high priority, cutting edge, multi-disciplinary themes.

Nanophotonics Down Under 2009 Devices and Applications (SMONP 2009) will be an interdisciplinary meeting devoted to laser and light interacting with nano-dimensional objects for photonics applications such as photovoltaics, plasmonics, photonic crystals, biomedicine and data storage. Through this conference, we plan to bring together leading international specialists with the primary aim to collectively identify key challenges in the emerging applications of nanophotonics.

Preliminary Program

June 21, 2009: Registration/Welcome reception
June 21- 24, 2009: Workshop & Conference

Location

Nanophotonics 2009 will be held at Melbourne Exhibition and Convention Centre (MCEC, www.mcec.com.au). The MCEC is conveniently located on the banks of the Yarra River in the heart of the Melbourne, and is comprised of the Melbourne Convention Centre and the Melbourne Exhibition Centre. MCEC the largest combined exhibition and convention centre in Australia.

Deadlines

Submission of abstracts: 28th February, 2009
Early bird registration: 1st April, 2009

Registration

- Early bird registration: A\$600
- Regular registration: A\$700
- Students: A\$300
- One day registration: A\$300
- Dinner ticket: A\$120

Conference Topics

- Photovoltaics and solar cells
- Nanomaterials
- Plasmonics
- Photonic crystals and optical circuits
- Metamaterials
- Nano-optics
- Display devices
- New generation of data storage
- Biophotonics and biosensors
- Laser tweezers and trapping

Further Announcement

Further announcements for SMONP2009 such as submission, registration, accommodation and travel support are available at the following web site: www.smonp2009.com.

Invited Speakers

- Adela Ben-Yakar (University of Texas, Austin, USA)
- Martin Green (University of New South Wales, Australia)
- Stefan W. Hell (Max Planck Institute of Biophysical Chemistry, Germany)
- Andrew B. Holmes (University of Melbourne, Australia)
- Satoshi Kawata (Osaka University, Japan)
- Jooho Kim (Samsung Electronics, Rep. of Korea)
- Yuri Kivshar (Australian National University, Australia)
- Byoungcho Lee (Seoul National University, Rep. of Korea)
- Henri Lezec (California Institute of Technology, USA)
- Shawn Yu Lin (Rensselaer Polytechnic Institute, USA)
- Max Lu (University of Queensland, Australia)
- Masud Mansuripur (University of Arizona, USA)
- Susumu Noda (Kyoto University, Kyoto, Japan)
- Michel Orrit (Leiden University, Netherlands)
- Romain Quidant (The Institute of Photonic Sciences, Spain)
- Gregory D. Scholes (University of Toronto, Canada)
- Zhengrong Shi (Suntech Power Holding Ltd., People's Republic of China)
- Din Ping Tsai (National Taiwan University, Taiwan)
- Gordon Wallace (University of Wollongong, Australia)
- Zhong Lin Wang (Georgia Institute of Technology, USA)
- Nikolay Zheludev (University of Southampton, UK)

Conference Convener

Min Gu FTSE FAA (Swinburne University of Technology, Australia)

International Steering Committee

- Min Gu FTSE, FAA (Chair, Swinburne University of Technology, Australia)
- Susumu Noda (Co-chair, Kyoto University, Japan)
- Ben Eggleton (University of Sydney, Australia)
- Martin Green FTSE FAA (University of New South Wales, Australia)
- Erol Harvey FTSE (Swinburne University of Technology, Australia)
- Stefan W. Hell (Max Planck Institute of Biophysical Chemistry, Germany)
- Chennupati Jagadish FTSE, FAA (Australian National University, Australia)
- Satoshi Kawata (Osaka University, Japan)
- Jooho Kim (Samsung Electronics, Rep. of Korea)
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- Max Lu FTSE (University of Queensland, Australia)
- Masud Mansuripur (University of Arizona, USA)
- Paul Mulvaney (University of Melbourne, Australia)
- Keith Nugent FAA (University of Melbourne, Australia)
- Michel Orrit (Leiden University, Netherlands)
- Jim Piper (Macquarie University, Australia)
- Gregory D. Scholes (University of Toronto, Canada)
- Zhengrong Shi (Suntech Power Holding Ltd., People's Republic of China)
- Gordon Wallace FTSE FAA (University of Wollongong, Australia)
- Zhong Lin Wang (Georgia Institute of Technology, USA)

Conference Secretariat

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