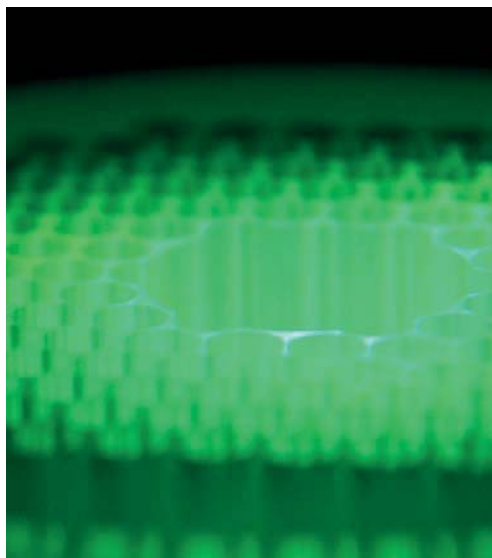


INSTITUTE OF  
PHOTONICS &  
OPTICAL SCIENCE  
(IPOS)



UNIVERSITY OF  
SYDNEY



## 3RD IPOS SYMPOSIUM ENERGY & THE ENVIRONMENT: PHOTONICS SOLUTIONS FOR THE 21ST CENTURY

### YOU ARE INVITED TO THE UNIVERSITY OF SYDNEY INSTITUTE OF PHOTONICS AND OPTICAL SCIENCE (IPOS) SYMPOSIUM

The theme of this year's IPOS Symposium is "Energy and the Environment: Photonics Solutions for the 21st Century". The Symposium will focus on the role of optics and photonics in clean energy generation, energy conservation and monitoring and environmental sensing. Topics will include energy generation through photovoltaics and photothermal technologies, energy consumption of the internet, energy conservation through more efficient photonics-based technology and monitoring, end environmental sensing.

**Dates:** Tuesday 6th & Wednesday 7th December 2011  
**Time:** 9:00 am  
**Venue:** Lecture Theatre 101, New Law Building,  
The University of Sydney

**COST:** FREE!

**Registration is essential - please visit [sydney.edu.au/ipos](http://sydney.edu.au/ipos)  
and follow the links to register.**

#### INVITED SPEAKERS

Prof. Mary O'Kane  
NSW Chief Scientist & Engineer

Prof. Ben Eggleton  
ARC Federation Fellow, School of Physics &  
Director of IPOS, The University of Sydney  
Director, CUDOS ARC Centre of Excellence

Dr. David Mills  
Co-Founder and Former Chairman and CSO of  
Ausra Inc. and SHP Pty. Ltd. (now Areva Solar)

Dr. Muriel Watt  
Chair, Australian PV Association

Dr. Daniel Kilper  
Bell Labs/Alcatel-Lucent, USA  
Technical Committee Chair,  
GreenTouch Consortium

Dr. Michael Lebby  
General Manager & CTO, Translucent Inc., USA

Dr. Al Scott  
R&D Coordinator, COM DEV Canada

Prof. Min Gu  
Director of Centre for Micro-Photonics  
Swinburne University of Technology

A/Prof. Tim Schmidt  
School of Chemistry & IPOS  
The University of Sydney

Prof. Joss Bland-Hawthorn  
School of Physics & IPOS,  
The University of Sydney

Dr. Kylie Catchpole  
Australian National University

Dr. Stuart Jackson  
School of Physics & IPOS,  
The University of Sydney  
CUDOS ARC Centre of Excellence

Prof. David McKenzie  
School of Physics, The University of Sydney

Dr. Chad Husko  
School of Physics & IPOS,  
The University of Sydney  
CUDOS ARC Centre of Excellence

Prof. John Canning  
Interdisciplinary Photonics Laboratories (iPL)  
School of Chemistry, The University of Sydney

Dr. Ian Basset  
Smart Digital Optics Pty. Ltd.

Prof. Ewa Goldys  
Macquarie University

#### ORGANISING COMMITTEE

Dr. Alexander Argyros, Convenor

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Prof. Joss Bland-Hawthorn

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