

I-CAMP Summer School

Inter-Continental Advanced Materials & Photonics (I-CAMP)

June 20 - July 10, 2010, Sydney – Brisbane, Australia

The annual I-CAMP Summer School will bring together both prominent & junior scientists and will allow them to combine advanced education with learning about different cultures worldwide. The School will enable researchers working at the forefronts of materials science & photonics to discuss the emerging uses of light for control and fundamental study of matter and advances in the use of materials to control light. I-CAMP will provide advanced interdisciplinary expert training not available within the traditional system of graduate education and postdoctoral apprenticeship, attracting early-career scientists from both academia and industry.



Brisbane



Chairs:

Ivan I. Smalyukh, University of Colorado at Boulder, USA.

Halina Rubinsztein-Dunlop, University of Queensland, Australia.

Websites: <http://icamconferences.org/i-camp.html>

<http://icamconferences.org/i-camp2010/>

In Conjunction with:

Workshop on complex interactions and mechanisms in organic photovoltaics (CIMOPV): <http://icamconferences.org/cimopv/>

Invited Speakers & Local Organizers

Bardeen, Christopher (CIMOPV) Univ. California at Riverside, U.S.

Bowen, Warwick Univ. Queensland, Australia

Burn, Paul (CIMOPV) Univ. Queensland, Australia

Cesar, Carlos Lenz UNICAMP, Brazil

Cox, Daniel (CIMOPV) Univ. California, Davis, U.S.

Dholakia, Kishan Univ. St. Andrews, UK

Domachuk, Peter Univ. Sydney, Australia

Dyakanov, Vladimir (CIMOPV) Univ. Wurzburg, Germany

Eggleton, Ben Univ. Sydney, Australia

Goksoy, Mattias Univ. Gothenburg, Sweden

Grantham, Susan (local organizer) Univ. Queensland, Australia

Hachmann, Johannes (CIMOPV) Harvard Univ., U.S.

Helmerson, Kris NIST, U.S.

Hughes, Jo (local organizer) Univ. Queensland, Australia

Hummelen, J.C. (Kees) (CIMOPV) Univ. Groningen, Netherlands

Jackson, Stuart Univ. Sydney, Australia

Jalali, Bahram UCLA, U.S.

Kivshar, Yuri The Australian National Univ., Australia

Kopidakis, Nikos (CIMOPV) NREL, U.S.

Lee, Kwan (local organizer) Univ. Queensland, Australia

Li, Guoqiang Univ. Missouri St. Louis, U.S.

Li, Quan (CIMOPV) Kent State Univ., U.S.

Lowery, Arthur Monash Univ., Australia

Luiten, Andre Univ. Western Australia, Australia

Madden, Steven Australian National Univ., Australia

Meredith, Paul (CIMOPV) Univ. Queensland, Australia

McCamey, Dane (CIMOPV) Univ. of Utah, U.S.

McLeod, Robert R. Univ. Colorado, U.S.

McPhedran, Ross Univ. Sydney, Australia

Medlin, Will J. Univ. Colorado, U.S.

Mitchell, Arnan RMIT Univ., Australia

Mozer, Attila (CIMOPV) Univ. Wollongong, Australia

Namdaz, Ebinazar (CIMOPV) Univ. Queensland, Australia

Nieminen, Timo Univ. Queensland, Australia

Pelusi, Mark Univ. Sydney, Australia

Piestun, Rafael Univ. Colorado, U.S.

Pivrikas, Almantas (CIMOPV) Johannes Kepler Univ. of Linz, Austria

Powell, Benjamin (CIMOPV) Univ. Queensland, Australia

Riede, Moritz (CIMOPV) Dresden Univ. of Technology, Germany

Reimers, Jeff (CIMOPV) Univ. Sydney, Australia

Rubinsztein-Dunlop, Halina Univ. Queensland, Australia

Rumbles, Garry (CIMOPV) NREL, U.S.

Salleo, Alberto (CIMOPV) Stanford Univ., U.S.

Schibli, Thomas Univ. Colorado, U.S.

Shaheen, Sean (CIMOPV) Denver Univ., U.S.

Shaw, Paul (local organizer) Univ. Queensland, Australia

Shinar, Joe (CIMOPV) Iowa State Univ., U.S.

Singh, Birendra (CIMOPV) CSIRO, Australia

Smalyukh, Ivan Univ. Colorado, U.S.

de Sterke, Martijn Univ. Sydney, Australia

Takezoe, Hideo Tokyo Inst. Technology, Japan

Van de Lagemaat, Jao (CIMOPV) NREL, U.S.

Walsh, Chris (local organizer) Univ. Sydney, Australia

White, Andrew Univ. Queensland, Australia

Summer School Topics

Week 1 (June 20-26, Sydney): Nonlinear Optical Materials, Photonic Crystals & Metamaterials

Week 2 (June 27- July 3, Brisbane):

Materials for Solar Energy Harvesting

Week 3 (July 4-July 10, Brisbane):

Nanoscale & Microscale Optical Control of Matter

I-CAMP Features and Events

- Invited tutorial lectures and poster sessions;
- Real-Time webcast of presentations;
- Video/audio and presentation archives;
- Career Development Program;
- International Outreach Forum;
- Travel fellowships available;
- Combination of advanced education with tourism and learning about diverse cultures worldwide;
- Lab Tours;
- Informal receptions and fun;
- Best poster presentation awards.

