

Registration/Housing

UCSB Conference Services
ATTN: Whitney Morris
Santa Rosa Administration Office
University of California
Santa Barbara, CA 93107, USA
Tel: (805) - 893-5880
FAX: (805) - 893-6018
Email: wmorris@housing.ucsb.edu

Santa Barbara is located on the California coast about 100 miles northwest of Los Angeles. Conference participants will be housed in Manzanita Village on campus. They may also choose to stay in nearby hotels. The proximity of the ocean beaches and other nearby points of interest makes the UCSB campus an attractive venue for CSW 2012.



Compound Semiconductor

First Call for Papers

Week August 27-30, 2012
University of California
Santa Barbara, CA USA



39th International Symposium on
Compound Semiconductors -
ISCS 2012



24th International Conference
on Indium Phosphide and
Related Materials - IPRM 2012



Abstract Submission Deadline: April 23, 2012

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Compound Semiconductor Week 2012

First Call for Papers

Following the success of the Compound Semiconductor Week in Takamatsu, Japan in 2010 and in Berlin, Germany in 2011, the two conference series "International Symposium on Compound Semiconductors (ISCS)" and "International Conference on Indium Phosphide and Related Materials (IPRM)", will again be held co-located under the umbrella of the Compound Semiconductor Week 2012 in Santa Barbara, CA, USA.

Conference Dates

August 27-30, 2012

The technical program of the Compound Semiconductor Week 2012 will start on August 27, and continue until August 30. Short courses will be organized on Sunday, August 26.

Attendees of ISCS-2012 and IPRM-2012 are eligible to attend technical sessions of both conferences.

A technical exhibition will accompany the Compound Semiconductor Week.

Plenary Speakers

John Geisz, NREL, Photovoltaics

Andrew Shields, Toshiba, UK, Quantum light generated by semiconductor devices

William Deal, Northrop-Grumman, THz Integrated Circuits

Marc A. Taubenblatt, IBM Research, Optical Interconnects

Venue

University of California
Santa Barbara, CA 93106, USA



<http://csw2012.ece.ucsb.edu>

39th International Symposium on Compound Semiconductors (ISCS - 2012)

The International Symposium on Compound Semiconductors is the premier forum for science, technology and applications of compound semiconductors. ISCS - 2012 addresses the physics, science, and applications of III-V and II-VI compound semiconductors as well as SiGe, SiC and related alloys.

- Papers are solicited on compound semiconductor-related topics, including:
- Crystal growth and deposition techniques
- Oxides and carbon related materials
- Nanotechnologies and nanostructures
- Physics, simulation and characterization
- Light emitters, photodetectors, photovoltaics
- High frequency and high power electronics
- New device concepts (spintronics, metamaterials, nanowires)

Conference Chair

Pallab Bhattacharya, University of Michigan, Ann Arbor, USA

Program Chair

Diana Huffaker, University of California, Los Angeles, USA

Local Arrangements Chair

Umesh Mishra, University of California, Santa Barbara, USA

ISCS 2012 Technical Area Chairs

James Gupta, National Research Council of Canada

Shizuo Fujita, Kyoto University

Yoshiro Hirayama, Tohoku University

Holger Eisele, Technical University Berlin

Eric Tournié, University of Montpellier

Tomas Palacios, Massachusetts Institute of Technology

Igor Zutic, University of Buffalo

Stephen Pearton, University of Florida

Fan Ren, University of Florida

Awards

Three prestigious awards, the Heinrich Welker Award, the Quantum Device Award and the Young Scientist Award will be presented at the symposium.

Important Dates

April 23, 2012 Abstract submission deadline

June 1, 2012 Notification of acceptance

<http://iscs2012.ece.ucsb.edu>

24th International Conference on Indium Phosphide and Related Materials (IPRM-2012)

IPRM-2012 is the 24th event of this highly renowned conference series established in 1989. The conference will continue the tradition of bringing together scientists from academia and industry to share recent developments in the field. Major conference topics will include advances in materials, devices, processing, and applications in telecom and datacom, VLSI, defense, sensors and imaging. A new topical area of III-V MOS devices will be addressed to highlight the rapidly growing importance of this technology.

Papers are solicited that address but are not limited to the following areas:

- Bulk Materials and Epitaxy
- Nanostructures and Novel Materials
- Optoelectronics and Related Processing Technologies
- Photonic and Photonic/Electronic Integration Technologies
- High-Speed Electron Devices and Related Processing Technologies
- nm Electron Devices for VLSI

Conference Chairs

Kent D. Choquette, University of Illinois, Urbana, USA

Mark Rodwell, University of California, Santa Barbara, USA

Program Co-Chairs

Photonics: Thomas L. Koch, Lehigh University, Bethlehem, Pennsylvania, USA.

Electronics: Miguel Urteaga, Teledyne Scientific, Thousand Oaks, California, USA.

Local Arrangements Chair

Mark Rodwell, University of California, Santa Barbara, USA

Important Dates

April 23, 2012 2-page abstract submission deadline

May 29, 2012 Notification of acceptance

June 25, 2012 Due date for 4-page extended abstract to be published in the conference proceedings

<http://www.ece.ucsb.edu/Faculty/rodwell/iprm2012>