

CALL FOR PAPERS

ABSTRACT DEADLINE—March 11, 2016

The abstract submission deadline for the **33rd International Conference on the Physics of Semiconductors** is Mar. 11 2016.

Visit www.icps2016.org today for details.

WEB SUBMISSIONS ONLY. Abstracts must be submitted via www.icps2016.org only. Detailed abstract submission instructions can be found at <http://www.icps2016.org/ABSTRACTS.html>.

The **33rd International Conference on the Physics of Semiconductors (ICPS 2016)** continues a series of biennial conferences that began in the 1950's. The 33rd ICPS will be held in Beijing, China on July 31- August 5, 2016. ICPS is the premier meeting for reporting all aspects of semiconductor physics including electronic, structural, optical, magnetic and transport properties. **ICPS 2016** will feature plenary sessions, parallel topical sessions, poster sessions and a **Nobel Laureate Session**. Mark your calendar today and plan to attend!

SCIENTIFIC PROGRAM

The six-day Conference will feature oral and poster presentations covering recent developments in all fields of **semiconductor physics**:

- Material growth, structural properties and characterization, phonons
- Wide-bandgap semiconductors
- Narrow-bandgap semiconductors
- Carbon: Nanotubes and Graphene
- 2D Materials beyond Graphene
- Organic Semiconductors
- Topological states of matter, topological Insulators and Weyl semimetals
- Transport in heterostructures
- Quantum Hall effects
- Spintronics and spin phenomena
- Electron devices and applications
- Optical properties, optoelectronics, solar cells
- Quantum optics, nanophotonics
- Quantum information
- Other topics in semiconductor physics and devices
- Special topic: Majorana fermions in solid state

Keynote Speaker Announcement – **Nobel Laureates and Plenary Speakers**

Hiroshi Amano	Nagoya University, Japan
Albert Fert	CNRS, France
Andre Geim	University of Manchester, UK
Shuji Nakamura	UC Santa Barbara, USA
Konstantin Novoselov	University of Manchester, UK
Bill Phillips	NIST, USA
Daniel C. Tsui	Princeton University, USA & Peking University, China
Klaus von Klitzing	Max Planck Institute for Solid State Research, Germany
Yasuhiko Arakawa	University of Tokyo, Japan
David D. Awschalom	University of Chicago, USA
Jiangfeng Du	University of Science and Technology of China, China
Andre Geim	University of Manchester, UK
Tony Heinz	Stanford University & Columbia University, USA
Charles Marcus	University of Copenhagen, Denmark
Sang Il Seok	Ulsan National Institute of Science and Technology, Korea
Michelle Y. Simmons	University of New South Wales, Australia
Ali Yazdani	Princeton University, USA
Anton Zeilinger	University of Vienna, Austria

For the full list of invited speakers, visit www.icps2016.org.

CONFERENCE VENUE

Located next to the east side of the venue for 2008 Beijing Olympic Games—the Beijing National Stadium, known as the “Bird’s Nest”—are the connected buildings of Beijing International Convention Center and Beijing Continental Grand Hotel (BICC & BCGH).

Beijing International Convention Center occupies an area of 60,000 square meters, which comprise of an exhibition area of 6,000 square meters, an office area of 15,000 square meters, together with over 50 various conference rooms. It is the best venue for holding conferences, exhibitions, culture exchanges, and business activities.

For the most up-to-date information on ICPS 2016, visit www.icps2016.org.

IMPORTANT DATES

Abstract Submission Deadline

March 11, 2016

Abstract Status Sent to Authors

Late April 2016

Preregistration Opens

February 2016