

## SPONSORED BY

Austrian Research Centers (ARCS)  
Austrian Airlines  
BMBWK Bundesministerium für Bildung, Wissenschaft und Kultur  
GMe, Gesellschaft für Mikro- und Nanoelektronik, Austria  
IUPAP International Union of Pure and Applied Physics  
MNA Networking Austria  
Vienna Convention Bureau

## FINANCIAL ASSISTANCE

The ICPS-28 organizing committee is specifically allocating funds to provide financial assistance to participants, who are giving papers at the conference and can demonstrate that they would not be able to attend without such assistance. Priority will be given to young scientists and to scientists from institutions and countries with limited means. Students wishing to apply for assistance should ask their advisor to submit a one page letter of recommendation. Please send all applications for financial assistance to [office@icps2006.at](mailto:office@icps2006.at).

## EXHIBITION

Exhibitors are invited to display equipment, instrumentation, software, publications and services related to semiconductor physics and technology. Details can be found on our website:  
<http://www.icps2006.at/exhibition.php>

## RELATED CONFERENCES

Int. Conference on Superlattices, Nano-Structures and Nano-Devices (ICSNN-06)  
Istanbul, Turkey (July 30 - August 4, 2006)  
<http://www.essex.ac.uk/ese/icsnn2006/>

17th International Conference on High Magnetic Fields in Semiconductor Physics  
Würzburg, Germany, (July 30 - August 4, 2006)  
<http://www.physik.uni-wuerzburg.de/EP3/HMF/HMF.html>

12th International Conference on High Pressure in Semiconductor Physics  
Barcelona, Spain, (July 31 - August 3, 2006)  
<http://www.uv.es/hpsp12/>

International Conference on Nanoscience and Technology - ICN&T 2006  
Basel, Switzerland, (July 30 - August 4, 2006)  
<http://www.icnt2006.ch>

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# 28th International Conference on the Physics of Semiconductors



## July 24-28, 2006 Vienna, Austria

### Second Announcement and Call For Papers

For more details, see the conference website at:  
<http://www.icps2006.at>

## CONGRESS VENUE

The ICPS-28 conference will be held in the Habsburg Imperial Palace ( Hofburg; <http://www.hofburg.com>). The Hofburg, where the Congress of Vienna was held in the year 1815, is situated in Vienna's city center. Most cultural attractions are nearby: a number of world renowned museums, the national library, the treasury, concert halls, the Spanish horse riding school or Vienna's most elegant shopping streets. The close proximity to Vienna's inner city and its excellent infrastructure are the most important characteristics of this architecturally unique congress centre. The Hofburg Congress Centre has 17.000 m<sup>2</sup> floor space and 35 meeting rooms for 60 up to 1.300 delegates.



## SCOPE

The ICPS series takes place under the auspices of the Semiconductor Commission (C8) of the International Union of Pure and Applied Physics (IUPAP). The conference will cover all aspects of semiconductor physics, including: novel semiconductor materials such as organic semiconductors, magnetic semiconductors, and wide gap semiconductors. Growth, surfaces and interfaces, defects and impurities, and lattice dynamics, electronic properties and transport in heterostructures, superlattices, quantum wells and the in quantum Hall regime; photonic structures and devices, nanostructures and quantum phenomena, atomic scale electronics, and semiconductor spintronics, frontiers in device physics, quantum information and processing, and new experimental and theoretical techniques.

## PLENARY SPEAKERS

A.Geim (UK), B.Halperin (USA), A.Imamoglu (Switzerland), C.Marcus (USA), S.Noda (Japan), L.Samuelson (Sweden), S.Tarucha (Japan), R.Chau (USA)

## INVITED SPEAKERS

P. Avouris (USA), L. Besombes (France), S.C. Crooker (USA), Le Si Dang (France), J.J. Finley (Germany), P.Jarillo-Herrero (The Netherlands), B. Jalali (USA), K.Karrai (Germany), M. Kawasaki (Japan), K. Leo (Germany), D.Loss (Switzerland), V.Pellegrini (Italy), J. H. Riechert (Germany),

Lu Sham (USA), P. Senellart (France), A. Shields (UK), V. Sih (USA) C. Sirtori (France), U.Woggon (Germany), G. Yusa (Japan), D.Williams (UK) see [www.icps2006.at](http://www.icps2006.at) for the titles of the talks.

## CALL FOR PAPERS

All abstracts will be reviewed by the Program Committee. Abstracts that receive particularly high ratings will be upgraded to invited talks. Authors will be informed about acceptance by April 30, 2006.

## IUPAP Young Author Best Paper Awards

Young scientists who are the first author on a paper presented at the conference and have obtained their PhD no more than one year before the date of submission of their abstract are eligible for one of the IUPAP Young Author Best Paper Awards. Those wishing to be considered for this award should arrange for their supervisor to send a one-page letter (by e-mail to [program@icps2006.at](mailto:program@icps2006.at)) confirming their eligibility.

## ABSTRACT SUBMISSION

The deadline for the receipt of abstracts is March 01, 2006, at 5:00 p.m. GMT. Due to the large number of expected contributions all abstracts must be submitted electronically. The abstract length is limited to 2600 characters (60 lines). As the abstract submission system does not allow any figures, we suggest to cite relevant previous publications in order to help the program committee. Further instructions are posted at : [http://www.icps2006.at/abstract\\_submission.php](http://www.icps2006.at/abstract_submission.php). Abstract submission is only possible through this website. Confirmation of the receipt of the abstract will be sent by email. Submissions by e-mail or fax will not be accepted.

## IMPORTANT DATES

November 30, 2005: Call for abstracts  
March 01, 2006: Abstract submission deadline  
March 30, 2006: Opening of registration and hotel reservation  
April 30, 2006: Notification of acceptance  
June 12, 2006: Early registration deadline  
June 12, 2006: Hotel online reservation deadline  
July 24-28, 2006: 28th ICPS Conference

## CONFERENCE FEES

Before June 15:  
Regular fee : € 425,- (students € 280,-)  
After June 15:  
Late registration fee: € 475,- (students € 320,-)  
On site registration fee : € 525,- (students € 350,-)

## CONTACT

All information concerning this conference will exclusively be communicated by email and via the conference website [www.icps2006.at](http://www.icps2006.at). In case of problems or missing information please contact the conference office via : [office@icps2006.at](mailto:office@icps2006.at).

## TRAVEL INFORMATION

Most international participants will arrive at the Vienna International Airport. Austrian Airlines (AUA) is the official carrier of the ICPS-28 conference and AUA flights will be available at special rates. From the airport, the city center can be reached by bus (€ 6,-), rapid train (€ 9,-), local train (€ 3,-), or taxi (approx. € 40,-) in less than 30 minutes. (for more information, see <http://english.viennaairport.com>). After arriving by train or bus at the city center, we recommend to purchase a 24-hour ticket (€ 5,-, available at all ticket machines), which allows you to use the complete Vienna public transport system for 24 hours. From Monday, July 24, 2006 you can purchase a ticket for 1 week (€ 12,50), which is valid until Sunday. For further information about public transport in Vienna please visit: <http://www.vienna.info>.

## ACCOMMODATION

To guarantee most economic hotel rates during the conference, a sufficient number of rooms in each of the hotel categories and ambiance has been reserved for the congress in advance. You can make your choice from famous luxury hotels to a large selection of economic accommodations for young scientists or cost-conscious delegates. Most of the hotels are located downtown and in walking distance to the congress venue. For hotel reservation, rates and booking conditions, please consult the conference website: <http://www.icps2006.at/registration.php>



## CLIMATE

In July and August, Vienna's climate is usually warm, sometimes humid. Even in summer, however, you should bring a raincoat and a warm sweater since the evenings may be cool. Average temperatures in July are 60-76 ° F / 15-25 ° C and 59-75 ° F / 15-24 ° C in August. Today's weather in Vienna and Austria is reported by ZAMG (<http://www.zamg.ac.at>).

## VISA

Passport-holders from countries in Western Europe, North America, Japan and Australia will not need a visa to enter Austria. For visa regulations for other countries, please check with your nearest Austrian embassy, consulate, or your airline. If necessary, the conference office will provide qualified delegates with a letter confirming their intent to attend the ICPS-28 Conference 2006.