Conference Locations

14th International Conference on the Electronic Properties of Two-Dimensional Systems

July 30 – August 3, 2001

http://ep2ds14.fzu.cz/ep2ds14

Second Announcement and Call for Papers

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Conference Secretariat

General Affairs

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Program Committee

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Website

Under *http://ep2ds14.fzu.cz/ep2ds14/* you may find the most up to date and most detailed information concerning the Conference. Whenever possible online registration/reservation forms are provided.

Related Conference

The 10th International Conference on Modulated Semiconductor Structures, Linz, Austria, July 23–27, 2001. For more details check:

http://www.hlphys.uni-linz.ac.at/mss10.htm.

Transportation from Linz

Bus transfer including a visit of some interesting and historical place in south Bohemia will be organized by Icaris Ltd. *Conference Management* on Saturday, and Sunday, July 28-29, 2001 (the reservation form is inserted).

Prague is approximately 240 km away from Linz and there is also direct daily train connection between Linz and Prague via České Budějovice.

Support

The conference will continue it's tradition of attempting to support participation by young scientists who are presenting papers at the Conference. A written application for financial support, clearly marked "FUNDS" should be sent to the Conference Secretariat. We regret that we shall not be able to confirm the support before 1st June 2001.

General information

Location and Accessibility

Prague, the Capital of the Czech Republic, is located at the heart of Central Europe. It can be accessed within five hours by car or train from Berlin, Munich, Vienna or Budapest. In Prague there is an international Airport with frequent direct flights from/to most European capitals and other cities as well and New York and Montreal/Toronto.

Passports and Visas

All visitors must have a passport valid at least for the next three months or another document which is accepted by the Czech Authorities as a valid passport replacement. Visas are not needed for citizens of the West-European countries, USA and Japan. For authoritative information, please consult the Czech Embassy or Consulate nearest to you; the addresses may be found on the Web under:

http://www.mzv.cz/_urady/eindex.html.

Health Insurance

In most cases, visitors to the Czech Republic are NOT covered by the Czech Health Insurance Plan. Therefore, the participants should arrange their own travel and health insurance. This holds also for the participants from the EU. Please consult your health insurance company.

Weather

The Czech Republic lies on the border of continental and oceanic climate zones and is protected by mountains from all sides. The weather in July/August is usually cool to pleasant, with temperatures around 20°C.

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Praha, Czech Republic

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Supported by

International Union for Pure and Applied Physics
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Union of Czech Mathematicians and Physicists

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Important Dates

25 February 2001	Deadline for Accommodation & Tour Reservation
1 April 2001	Deadline for Abstract Submission
25 April 2001	Notice of Acceptance
1 May 2001	Deadline for Accommodation Payment
1 June 2001	Deadline for Advance Registration
8 June 2001	Receipt of Manuscripts

Scientific Program

Site

The Conference will be held in the Congress Hall of the hotel “Pyramida” in Prague and the nearby student hostel “Kajetánka”.

The Presentations will be split into plenary lectures and poster sessions. The plenary lectures, which will consist of invited as well as contributed papers, will take place in the Congress Hall of the “Pyramida” hotel, whereas the poster session will be located in the hostel “Kajetánka”.

The hotel “Pyramida” is located on the border of the historical kernel of Prague, within walking distance (15 minutes) from the Prague castle and other places of interest. The student hostel “Kajetánka” can be easily reached by walk (approx. 5–10 minutes).

Conference Scope

The EP2DS Conference traditionally covers the fundamental physics of electronic and optical properties of

- two-dimensional and quasi-two-dimensional systems including
  - quantum Hall effects and related phenomena
  - elementary excitations
  - quantum phases and phase transitions
  - spin-polarized transport
  - electrons on liquid helium
- other low-dimensional systems including
  - thin films of metals and semimetals
  - one-dimensional systems and quantum dots
  - carbon nanotubes
  - hybrid structures
  - novel probes, fabrication techniques and futuristic applications
- and new interesting contributions from all areas of physics of low-dimensional systems.

Language

The language of the Conference is English. Simultaneous interpretation will not be provided.

Committees

Local Committee

Academy of Sciences:
Pavel Středa, chairman
Jan Kučera
Jiří J. Mareš
Oliva Pacherová
Ludvík Smrčka

Charles University:
Milan Zvára, vice-chairman
Roman Grill
Pavel Höschl

Program Committee

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Laurence Eaves (Nottingham)
Andre Geim (Nijmegen)
D. Christian Glattli (Saclay)
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Klaus von Klitzing (Stuttgart)
Susumu Komiyama (Tokyo)
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Pavel Středa, chairman (Prague)

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Jim Allen (Santa Barbara)
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Jörg P. Kotthaus (Munich)
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Elisa Molinari (Modena)
Robin Nicholas (Oxford)
Francois Peeters (Antwerpen)
Aron Pinczuk (Murray Hill)
Marek Potemski (Grenoble)
John J. Quinn (Knoxwille)
L. J. Sham (San Diego)
Maurice Skolnick (Sheffield)
Carlos Tejedor (Madrid)
Bruce McCombe (Buffalo)
Horst I. Störmer (Murray Hill)
Seigo Tarucha (Tokyo)

The Addresses:

Hotel Pyramida
Bělohorská 24
160 00 Praha 6
Czech Republic, Europe

Hostel Kajetánka
Radimova 12
160 00 Praha 6
Czech Republic, Europe

Medieval Feast

On Wednesday 1st August afternoon, guided tours to various places will be organized. In the evening, a medieval feast in the Dřevčice fortress will take place, partly sponsored for all registered Conference participants (both regular and students). This event will be organized by Icaris Ltd. *Conference Management*. For reservation use the enclosed form or the online form available on the Conference Website.

Social Program

Services related to the social program of the Conference are provided by "Icaris Ltd. *Conference Management*". For reservation use the enclosed form or the online form available on the Conference Website.

Invited Speakers (preliminary list)

Y. Ji (Weizmann Institute of Science, Israel) *Phase measurement in a quantum qot with Kondo correlations*
T. Jungwirth (University of Texas at Austin, USA) *Two-dimensional Ising physics in quantum Hall ferromagnets*
P. Kossacki (Warsaw University, Poland) *Light controlled and probed ferromagnetism of (Cd,Mn)Te quantum wells*
C. Lambert (Lancaster University, UK) *Ferromagnetic-superconducting mesoscopic hybrids*
D. Mailly (CNRS-LPN, France) *Aharonov-Bohm cages in AlGaAs-GaAs systems*
P. Main (Nottingham University, UK) *Mapping the wavefunctions in quantum dots*
F. Matsukura (Tohoku University, Japan) *Control of ferromagnetism in a magnetic semiconductor field-effect transistor*
U. Merkt (University of Hamburg, Germany) *Supercurrents in two-dimensional electron systems*
H. Park (Harvard University, USA) *Transport and scanned probe investigations on carbon nanostructures*
G. Salis (University of California at Santa Barbara, USA) *Optical manipulation of nuclear spin by a two-dimensional electron gas*
C. Schönenberger (University of Basel, Switzerland) *Quantum and interaction effects in electron transport of carbon nanotubes*
J. Weis (Max-Planck Institute, Stuttgart, Germany) *Experiments on Kondo physics in single and electrostatically coupled quantum dots*
A. Wixforth (Ludwig-Maximilian University, Müchen, Germany) *Acoustoelectric and acoustooptic interactions in quantum wells: the role of nonlinearity*

Call for Papers

Abstracts

Submissions of papers appropriate to the scope of the conference are solicited. The submissions should be made in the form of a one-page abstract and a covering letter.

The abstract should be on one side of A4 (or letter) papersheet and the typeface should be 12 typographic points or larger. The title should be typed in capital letters, followed by the list of authors and their affiliations. An optional page containing supporting information (figures, diagrams, tables, etc.) may be printed on the other side of the papersheet.

The covering letter should give the full name, mailing address, e-mail address and fax number of the presenting author. Please indicate whether notification of acceptance by e-mail is sufficient. Also please indicate whether an official invitation is required in order to obtain a Czech visa. If you prefer a poster presentation, please indicate so on the letter.

Please whenever possible, *avoid sending abstracts via fax*. Use one of the following methods instead

- Regular mail (10 copies of every abstract submitted, 1 covering letter) to the Secretariat of the Program Committee. The postal envelope should be clearly marked as "Abstract". *This is the preferred way to avoid printing problems.*

- Electronic mail to *ep2ds14@fzu.cz*, with a PDF or a Postscript file included as attachement (no other formats will be accepted). The document will be printed on a 600dpi black-and-white laser printer and photocopied. The "Subject" line of the e-mail should contain the word "Abstract", the family name of the corresponding author and an indication if a poster presentation is preferred.

The electronic mail or the postal envelope should reach us *no later than on **1st April 2001***.

Further Procedure

Author(s) of accepted contribution(s) will be asked to prepare their paper(s) in two different formats. One camera-ready copy will be included, as submitted, in the workbook, the other will be refereed for publication in the Conference Proceedings which will appear as a special issue of *Physica E*. Both in the Conference Workbook and in the Conference Proceedings, an invited paper should constitute eight pages whereas a contributed paper four pages. Detailed instructions for the preparation manuscripts will be sent with the notification of acceptance. The manuscripts should be sent to the Conference Secretariat to arrive by **8th June 2001**.

Registration

Advance Registration

Participants who pre-register will benefit from the knowledge that all the Conference documentation will be ready on their arrival. Each registrant is requested to register separately. A registration form is enclosed. An online (pre)registration form has been available on the Conference website. *The organizing committee will welcome if the authors of accepted contributions register in advance.*

Registration at the Conference

The registration desk will be situated in the Conference Foyer in front of the Congress Hall of the Pyramida Hotel.

Registration Fees

	Before 1 June 2001	**After 1 June 2001**
Full Registration	350 EUR	400 EUR
Student Registration	250 EUR	300 EUR

The registration fee includes:

Regular participants: participation in all scientific sessions, a copy of the workbook and the conference proceedings.

Students: participation in all scientific sessions and a copy of the workbook.

Payment of the Conference Fee

Payment may be made by *interntational money transfer* or *bank transfer* **quoting the name of the participant** directly to the bank in Praha (Prague):

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Bank name:  CESKOSLOVENSKA OBCHODNI BANKA
Full bank address:  Na Porici 24, 110 00  Praha 1, Czech Republic
Account name:  Fyzikalni ustav AVCR
Account number:  01 - 29593280
Variable symbol:  15609
Bank connection (Swift Code):  CEKO CZ PP PRA
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The payment must be free of bank charges to the receiver, i.e., **ALL** bank charges for effecting the international money order must be met by the remitter. **This must be explicitly stated** when authorizing the international money transfer order.

Cancellation and Refunds

To abtain a cancellation refund a written notification must reach the Secretariat before 1st July, 2001. All refunds are subject to a 30 EUR administrative fee.

Accommodation

Accomodation services to the Conference are mediated by "Icaris Ltd. *Conference Management*". For reservation use the enclosed form or the online form available on the Conference Website. From the viewpoint of the Conference accessibility, two of the locations offered are recommended:

Hotel Pyramida. The Hotel where the plenary lectures will take place. A three star hotel located on the border of the historical kernel of Prague, within walking distance (15 minutes) from the Prague castle and other places of interest.

Hostel Kajetánka. A simple accomodation with students' caffeteria. The poster sections will take place here. Within walking distance from the Pyramida Hotel.