

2nd International Conference on
QUANTUM ELECTRODYNAMICS
AND
STATISTICAL PHYSICS

FIRST ANNOUNCEMENT

General Information

The 2nd International Conference "Quantum Electrodynamics and Statistical Physics" (QEDSP2006) will be held on **September 19-23, 2006** at the National Science Center "Kharkov Institute of Physics and Technology" (NCS KIPT), Kharkov, Ukraine.

Main Topics of the Conference

- Quantum field theory and elementary particle theory
- High-energy electrodynamics in matter
- QED processes in strong fields
- Nonlinear dynamics
- Kinetic theory
- Phase transitions in condensed matter
- Physics of quantum liquids

History

The 1st International Conference "Quantum Electrodynamics and Statistical Physics" (QEDSP2001) was held on Oct.30 –Nov.03, 2001 at the National Science Center "Kharkov Institute of Physics and Technology", Kharkov, Ukraine. The Conference was dedicated to the memory of A.I.Akhiezer (1911–2000), outstanding physicist, academician of NAS of Ukraine and the founder of the Institute for Theoretical Physics at NSC KIPT, named after him.

Organizers and Committees of QEDSP2006

Organizers

The conference is organized by National Science Center "Kharkov Institute of Physics and Technology" and by Akhiezer Institute for Theoretical Physics of NSC KIPT in collaboration with Karazin Kharkov National University.

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Presentations

The Conference will have plenary, parallel, and poster sessions. There will be invited (30 min), plenary (20 min), parallel session (15 min) talks, and poster presentations. The working language of the QEDSP2006 Conference is English.

List of Sections

- A. Quantum field theory
- B. Elementary particle theory
- C. High-energy electrodynamics in matter
- D. QED processes in strong fields
- E. Nonlinear dynamics
- F. Kinetic theory
- G. Phase transitions in condensed matter
- H. Physics of quantum liquids

Registration and Conference Fee

For preliminary registration, please, copy the Registration Form, fill it in and send to the Organizing Committee by E-mail QEDSP2006@kipt.kharkov.ua before **July 1, 2006**.

The conference registration fee will be 300 Euro and must be paid in cash at the registration desk. It includes costs for local transportation, tea/coffee, welcome party, conference dinner and a copy of the Conference Proceedings.

Abstract Submission

Abstracts for the Book of Abstracts of the Conference should be prepared in MS Word (or LaTeX) and duplicated in PDF format. Please, submit an abstract in electronic form to QEDSP2006@kipt.kharkov.ua before **July 1, 2006**.

Proceedings

The Proceedings will be published after the Conference. Details of submission and the relevant guidelines will be announced later.

Deadlines and Important Dates

- Pre-Registration Deadline **July 1, 2006**
- Abstract Submission Deadline **July 1, 2006**
- Second Announcement **July 15, 2006**
- Conference Dates **September 19 – 23, 2006**

Contacts

Please, address all the correspondence regarding registration, participation, scientific program, publication, etc. to the Organizing Committee:

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Registration Form

Copy the registration form below, fill it in and send as plain text by

E-mail: QEDSP2006@kipt.kharkov.ua or by

Fax: +38 (057) 335 26 83

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Family name:

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Title(s) of the talk(s):

(indicate section: from A to H, and mode of presentation: oral or poster)

Family name, first name, middle name of accompanying person(s):