



**VI International Conference
PLASMA PHYSICS AND PLASMA TECHNOLOGY (PPPT – 6)
MINSK, BELARUS, SEPTEMBER 28 – OCTOBER 2, 2009**

<http://ifanbel.bas-net.by/pppt-6>

ORGANIZED BY

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of Belarus"

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VI International Conference on Plasma Physics and Plasma Technology will be held September 28 – October 2, 2009, in Minsk. The preceding Conferences took place in Minsk in 1994, 1997, 2000, 2003 and 2006. Over 180 scientists from 20 countries have been participating in each of these conferences. Minsk – a capital of Belarus – is among the most prominent scientific, industrial and cultural centers. We have pleasure in inviting you to take part in the PPPT-6 Conference. The Conference Organizing Committee will try to make your stay in Minsk useful and pleasant.

The scientific programme will include invited lectures, oral and poster presentations, and discussions on the following topics:

1. Electrical and optical discharges, near-electrode processes

(plasma accelerators; arc, spark, barrier, surface, and glow discharges; high-frequency and laser-induced plasma)

2. Transporting, optical, and thermodynamic properties of plasma; plasma dynamics in electromagnetic fields of various configurations

3. Methods and instrumentation for plasma diagnostics

(emission and absorption spectroscopy; intracavity laser spectroscopy; optical, interferometric, probe, and other methods)

4. Interaction of concentrated energy fluxes with a surface

(modification of surface properties of materials and coatings by electromagnetic radiation, cathode and ion beams; plasma treatment of materials; plasma deposition of coatings)

5. Plasma in nanotechnology

(synthesis of nanoscale structures and fullerenes; formation of surface structures)

6. Plasma applications

(in engineering industry, microelectronics, plasma chemistry, ecology, biomedicine, and in spectrochemical analysis)

7. Non-ideal and dusty plasma, clusters

8. ISTC projects

School for Young Scientists

Organized within the framework of the Conference programme will be the school for young scientists (under 30 years), offering a series of lectures on priority directions in plasma physics.

Registration of Participants and Call for Papers

Participants should be registered on the [web-site](#) of conference and submit the abstracts in English (up to 200 words) to the Conference Organizing Committee by e-mail before May 31, 2009. The papers will be refereed and selected by the Programme Committee in accordance with the Conference subjects. The decision of the Programme Committee along with the Second Announcement will be mailed to authors not later than June 15, 2009.

Final manuscripts in English (A4 format, 4 pages at most) are to be submitted to the Organizing Committee not later than June 30, 2009. Detailed instructions on manuscript preparation are presented on the Conference [web-site](#) and will be provided in the Second Announcement. The PPPT-6 Proceedings will be published by the beginning of the Conference.

Conference Fee

The registration fee (regular \$180 or €140, for young scientists – \$130 or €100) covers participation in conference work, one copy of the Conference Proceedings, dinners, coffee-breaks, welcome reception, and city tour of Minsk. A procedure of payment will be specified in the 2nd Announcement.

Accommodation

Rooms at Minsk hotels will be reserved for the Conference participants. Tentatively, daily room charges depending on the comfort level will range from \$40 to \$250. More details on room charges will be offered in the Second Announcement.

Social Program

The conference participants and accompanying persons are expected to take part in various social events including a welcome reception, tours of the city of Minsk and its vicinities, visiting museums, theatres, and concert halls. At the request of the conference participants, sightseeing tours of historical places of Belarus will be arranged.