



XXII International Scientific and Engineering Conference on Photoelectronics and Night Vision Devices

Conference is organized by:

The State Scientific Center of Russian Federation of FSUE "RD&P Center "Orion"

Conferences is supported by:

Ministry of Industry and Trade of RF
Ministry of Education and Science of RF
Russian Academy of Science
Government of Moscow
D. S. Rozhdestvensky Optical Society

The conference will be held in Moscow by SSC RF "RD&P Center "Orion" in May 22-25, 2012.

Conference topics:

- Photon infrared (IR) sensors and focal plane arrays (physical researches of photoeffect and its new materials; technologies, including electronic and ion-plasma ones, cooling systems and signal processing systems).
- Thermal IR sensors and focal plane arrays (physical researches, technologies, cooling systems and signal processing systems).
- Night Vision Devices based on thermal imagers and image intensifiers including multi-band and multi-spectral systems.
- Microelectronics for focal plane array and thermal imagers.
- New trends and recent development in IR photoelectronics and Night Vision Devices, including measuring methods and tools.
- Nanophotonics, nanotechnology and metamaterials for IR systems.
- Photoelectronics and optics special software.

The Russian Exhibition on the conference topics will be organized during the work of the conference

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Y.P. Yakovlev - Ioffe Physical-Technical Institute RAS
Yu.G. Yakushenkov - MIIGAİK, Russia

Official languages of Conference are
Russian and English

The conference program provides for oral and poster reports. The proceedings of the conference will be published in the Russian journal "Prikladnaja fizika".

Submission of abstracts

Abstracts (into 2 pages) are presented in English. The paper title must be typed at the beginning of the page, then lower, names and first names of authors, then the name of the organization. Please, send electronic version of thesis, participant's card and brief information on speaker to E-mail: conf@orion-ir.ru

Abstracts must be sent by E-mail as files in Microsoft Word format. Illustrations can be inserted to text as JPG, BMP, WMF or EMF files. Another format of illustrations must be converted to one of these formats before inserting to text.

Participant's card and additional information on conference, is represented on <http://www.orion-ir.ru>

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Abstracts Deadline: March 1, 2012

Registration and fee

ATTENTION: Program committee members are released from registration fee payment.

A registration fee including participation in a scientific and social program, publishing abstracts and processing of the conference, will be 135 EUR.

You can be registered in the organization committee since May 21, 2012

Organization committee:

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The Conference will be held in the “RD&P Center “Orion” at the address: 9, Kosinskaya St. Moscow (near “Vykhino” subway station)



State Research Center of Russian Federation
Federal State Unitary Enterprise
“RD&P Center “Orion”

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