



**State Scientific Center of the Russian Federation  
JSC "Orion" Research & Production Association**



**XXIV International Scientific and Engineering Conference on Photoelectronics  
and Night-Vision Devices**

May 24-27, 2016, Moscow

*Conference is organized by:*

**The State Scientific Center of Russian Federation JSC “Orion” R&P Association”**

*Conferences is supported by:*

- **Ministry of Industry and Trade of the Russian Federation**
- **Ministry of Education and Science of the Russian Federation**
- **Russian Academy of Sciences**
- **State Corporation “Rostec”**
- **JSC “Schwabe”**
- **Moscow Government**
- **D.S. Rozhdestvensky Optical Society**

The conference will be held in Moscow by JSC “Orion” Research & Production Association in May 24-27, 2016.

**Conference topics:**

- ✓ Semiconductor and thermal photodetectors, FPA;
- ✓ Signal processing methods,
- ✓ Thermovision and night vision systems engineering;
- ✓ New trends and advances in photoelectronics;
- ✓ Microelectronics for photodetectors and FPAs (including cryogenics);
- ✓ New technologies and materials for photodetectors and FPA;
- ✓ Metrology for optical radiation detection;
- ✓ Microcryogenic technology for photodetectors and FPAs;
- ✓ UV photodetectors;
- ✓ Multispectral photodetectors;
- ✓ Special software for photoelectronics and optics.

**During the conference there will be an exhibition of scientific and technological achievements of participating enterprises.**

***Organization committee:***

**Chairman:** A.M. Filachev, “Orion” Research & Production Association

**Vice-chairmen:**

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V.V. Karpov – JSC “Shvabe-photosystems, Russia

V.N. Krutikov – VNIIOFI, Russia

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V.I. Ryzhii – Science & Education Center “Photonics & IR”, Russia

A. Rogalski – Institute of Applied Physics, Military University of Technology, Poland

E.Y. Salaev – Institute of Physics NAS, Azerbaijan

A.S. Sigov – MIREA, Russia

V.A. Soldatenkov – NPO “Geofizika-NV”, Russia

V.G. Sredin – Military Academy of the RVSN, Russia

R.M. Stepanov – NRI “Electron”, Russia

A.P. Tarasov – JSC “Krasnogorsky Zavod”, Russia

V.V. Tarasov – JSC Central Research Institute “Cyclone”, Russia

Y.P. Yakovlev – Ioffe Physical-Technical Institute RAS

Yu.G. Yakushenkov – MIIGAIK, Russia

### **Official languages of Conference are Russian and English**

The conference program provides for oral and poster reports.

### **Paper submission and specifications:**

Papers are presented in English. The volume of papers should be 3 to 5 pages. Use A4 paper, 12-point Times New Rome font. The paper submission must include all the following: Paper Title, Authors, Affiliation, City and Country, Papers Text and References.

Papers must be sent 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.

Please, send e-mail the paper (summary of report), participant's card to: **conf@orion-ir.ru**

The special software developers intended to make the presentation with using computer technique must send application with the demands on required PC data and software.

Participant's card and additional information on conference is represented on [http:// www.orion-ir.ru](http://www.orion-ir.ru)

**Contacts:**

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**Abstracts Deadline: March 20, 2016**

**Registration and fee**

A registration fee including participation in a scientific program and publishing the proceedings of the conference, will be 150 EUR.

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

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

