



ARMIMP-2015

Eight International Conference

«Acoustooptical and Radar Methods for Information Measurements and Processing»

September 20-23, 2015, Suzdal, RUSSIA

CALL FOR PAPERS

General Chair

Academician Vladislav
Pustovoit
(STCUI RAS, Moscow)

Vice General Chair

Victor Kravchenko,
(Kotel'nikov IRE RAS,
Moscow),

National Organizing Committee

Gennady Samsonov
(Vice-president, Director of
Executive Management
A.S. Popov RNTORES),
Lyudmila Sushkova,
(Vladimir State University),

RNTORES Secretary

Gennady Tretyakov,
(MIREA, Moscow).

Technical Program Committee address

A.S. Popov RNTORES,
Moscow, RUSSIA, 107031
T/F: +7(495) 362-42-75
Tel: +7(903) 221-79-79

doklad-rntores@mail.ru

<http://www.rntores.ru>

<http://www.armimp.ru>

Important dates:

- Submission deadline

Juni 25, 2015;

- Notification of
acceptance since

- **August 16, 2015**

on <http://www.rntores.ru>

- Registration Fee

payment (US\$300) -

July 25, 2015;

(Registration Fee

after July 31, 2015 -

US\$400)

The Technical Program Committee (TPC) announces the *Eight International Conference on Acoustooptical and Radar Methods for Information Measurements and Processing (ARMIMP-2015)* to be held in September 2015 on the base of the Vladimir State University in Suzdal (this ancient city is a part of the famous "Golden Ring of Russia"). The TPC invites the international community to present and discuss state-of-the-art developments, advances, and innovations in the areas of generation, radiation, propagation, acoustooptical and radar methods for digital processing of signals of various physical nature, and their applications in different areas of science and technology.

Paper Submissions. Authors are invited to submit contributions in the following areas:

- Generation and radiation of ultrawideband signals and ultrashort impulses;
- Radiation, acceptance, and processing of ultrawideband signals and ultrashort impulses;
- Propagation of ultrawideband signals and ultrashort impulses in nature media;
- Remote sensing of nature media with ultrawideband signals and ultrashort impulses;
- Millimeter and submillimeter waves;
- Methods of mathematical modeling of physical processes in optics and radar;
- methods of the solution of incorrect tasks in a radar-location and optics;
- Information-measuring optical and radio engineering systems;
- R-functions, atomic functions, wavelets, fractals and chaos;
- Ultrawideband chaotic signals in optical and radiotechnical information systems;
- Methods of computerized tomography in optics and radar;
- Ultrashort impulses and methods of nonlinear optics;
- Acoustooptical and radar methods of measurements and processing in biology and medicine;
- Physical basics of instrumentation;
- Laser physics and techniques.

Working language of the Conference are *Russian and English*. Prospective authors must submit to the TPC no more than **4-page** Full paper manuscript for reviewing (via E-mail). The accepted papers will be published in the Conference Proceedings and will be available at the Conference. Upon a decision of the TPC, selected presented papers will be published in English in the special issues of The International Journals of *Physical Bases of Instrumentation*.

Organizers: Scientific and Technological Centre for Unique Instrumentation RAS, Kotel'nikov Institute of Radio Engineering and Electronics RAS, A.S. Popov Society (RNTORES), IEEE Russia Section, Bauman Moscow State Technical University, Vladimir State University, Lomonosov Moscow State University.

Instructions for Electronic Submissions of the 4-page Papers

Paper size: A4 (210x297 mm), pages are not numbered. **Font type:** Times Roman. **Title:** 14 pt size uppercase bold centered. **Authors' names:** 12 pt size lowercase centered 2 lines below the title. **Affiliations:** 10 pt size lowercase centered 1 line below the authors' names. **Headings:** 12 pt size, uppercase, centered. **Text:** formatted one-column, single-spaced, 11 pt size, double line space between paragraphs. **Margins:** Top, Right, and Left – 25 mm, Bottom – 30 mm. **Figures and tables:** centered. **References:** listed 2 lines below the text; format:
REFERENCES

1. Author, N.N. Title of Book / Place: Publisher, year.

2. Author, N.N. Title of Paper // Journal Title. Year. Vol. #. No. #. P. #-#.

Address for electronic submissions: doklad-rntores@mail.ru

Acceptable file formats: **MS_Word.doc** (type of file: Word 97-2003)

Payment Information

We draw your attention to the fact that some banks take a special fee for money transaction. That is why you should pay in such a way that the amount of money that would arrive in our Organizing Committee should be equal to either US\$ 300 or 250 Euro

For \$ (USD)

RNTORES OF A.S.POPOV
INN 7702021967, ROGDESTVENKA 6/9/20
MOSCOW, RUSSIA
№ 40703840838090200980
SBERBANK (HEAD OFFICE-ALL
BRANCHES AND OFFICE IN RUSSIA)
MOSCOW, RUSSIA
SWIFT: SABRRUMM

For €(EURO)

RNTORES OF A.S.POPOV
INN 7702021967, ROGDESTVENKA 6/9/20
MOSCOW, RUSSIA
№ 40703978838090205080
SBERBANK (HEAD OFFICE-ALL
BRANCHES AND OFFICE IN RUSSIA)
MOSCOW, RUSSIA
SWIFT: SABRRUMM