



ARMIMP-2013

SIXTH International Conference

«Acousto-optical and Radar Methods for Information Measurements and Processing»

September 16-18, 2013, Suzdal, RUSSIA

CALL FOR PAPERS

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Important dates:

- **Submission deadline**
July 10, 2013;
- **Notification of**
acceptance
July 29, 2013
on <http://www.rntores.ru>
- **Registration Fee**
payment (US\$350) -
June 30, 2013;
(Registration Fee
after July 15, 2013 -
US\$400)

The Technical Program Committee (TPC) announces the *SIXTH International Conference on Acousto-optical and Radar Methods for Information Measurements and Processing (ARMIMP-2013)* to be held in September 2013 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, acousto-optical 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
- 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
- Acousto-optical 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 *Electromagnetic Waves and Electronic Systems*, and *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, JSC Vega Radio Engineering Corporation.

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** (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\$350 or 250 Euro

For \$ (USD)

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