



First Call for Papers



The 4th International Conference IEEE MICROWAVES, RADAR AND REMOTE SENSING SYMPOSIUM (MRRS-2014)

<http://iee.nau.edu.ua/index-36.html>

September 23-25, 2014

Kiev, Ukraine

Organized by IEEE SP/AES Societies Ukraine (Kiev) Joint Chapter
in collaboration with National Aviation University, Kiev, Ukraine

The 4rd Microwaves, Radar and Remote Sensing Symposium MRRS-2014 continues the series of very successful MRRS-2005, MRRS-2008 and MRRS 2011 (<http://iee.nau.edu.ua/index-22.html>). We expect excellent conditions for the successful MRRS-2014. All researchers, experts and students who work in microwaves, radar, remote sensing and adjacent field are cordially invited, and we are waiting for all our traditional participants as well as new colleagues and friends. This time, like in 2008, MRRS-2014 Symposium will be combined with World Congress “Aviation in the XXI century” organized by the National Aviation University.

Objectives and grounds

The Symposium is planned to be a forum of ideas exchange and results discussion in the field of electromagnetics and applications, radar technology and systems, signal processing, remote sensing methods, radar meteorology and data processing. Passive and active methods and systems of all frequency bands are welcome.

Suggested topics

- Electromagnetic fields and guided waves
- Antenna theory and techniques
- Scattering and RCS
- Polarimetric and Doppler techniques
- Signal processing
- Primary and secondary radar systems
- Passive radar systems
- MIMO systems
- Millimeter and sub-millimeter wave systems
- Ultra-wideband and noise radar
- Target classification and identification
- Airborne and spaceborne surveillance systems
- Remote sensing of land
- Weather radar and Meteorological phenomena identification
- Remote sensing of the atmosphere
- Biomedical applications
- Data and image processing and representation
- Acoustic and radio-acoustic systems
- Education in microwaves, radar and remote sensing
- Math Modeling and Simulation
- Statistical signal and data processing
- Polarimetric antenna measurements
- Analog and digital components of radar and electronic systems

Language

The language of all papers, presentations and discussions at the MRRS Symposium is English

Program

The scientific program of the MRRS-2014 Symposium will consist of invited lectures and contributed oral presentations. Poster session will be organized, if the number of accepted papers exceeds capacity of rented rooms.

Camera-ready 4-page papers should be sent for TPC consideration before April 20, 2014

by e-mail: yanovsky@nau.edu.ua and ayua@nau.edu.ua

Reviewing will be done by at least 2 independent international experts. Notification of acceptance is planned by May 20; and **full papers** of the accepted contributions are required before June 20.

Publications

The Proceedings will be prepared directly from the full papers supplied by authors; therefore careful preparation in accordance with the instructions is required. Detail information will be contained on the Symposium home page in the menu "Author Info". We plan EuMA and IEEE technical co-sponsorship and IEEE Xplore publication. Extended versions of the papers, presented at the Symposium, will be recommended for publication in journals:

"International Journal of Microwaves and Wireless Technologies" (<http://journals.cambridge.org/mrf>),

"Telecommunications and Radio Engineering" (<http://www.begellhouse.com/journals/>) or

"Electronics and Control Systems" (<http://old.nau.edu.ua/en/Science/publications/systemiyprav/>). For

further information please visit our web page at <http://ieee.nau.edu.ua/index-36.html> or contact us by E-mail: ayua@nau.edu.ua; yanovsky@nau.edu.ua

Young Scientist Travel Grants

Modest travel grants are expected to help young scientists to attend the MRRS-2014 symposium. The number and amount of grants will depend on the success of the on-going search for sponsors.

Young Scientist Contest

The MRRS International Jury will award the Young Scientist Prizes (sponsored by EuMA) to engineers, researchers or students who have presented outstanding papers at the MRRS-2014 Symposium. Each prize includes cash money and a colorful certificate.

Chairman MRRS 2014 Symposium

Professor Dr. Felix Yanovsky, IEEE Fellow, EuMA Member
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MRRS 2014 Symposium Coordinator

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WELCOME TO KIEV!