



Call for Papers



The 3rd International Conference **MICROWAVES, RADAR AND REMOTE SENSING SYMPOSIUM (MRRS-2011)**

<http://iee.nau.edu.ua/index-22.html>

August 25-27, 2011

Kiev, Ukraine

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

The 3rd Microwaves, Radar and Remote Sensing Symposium MRRS-2011 continues the series of very successful MRRS-2005 and MRRS-2008 (<http://congress.nau.edu.ua/mrrs08>). The first MRRS was held in September 2005 and gathered together about 90 participants from 18 countries in Kiev. During the second MRRS-2008, which was again conducted in September, 74 papers from 20 countries were presented and discussed by 100 participants. After numerous consultations with our colleagues from different countries we decided to conduct MRRS-2011 again in Kiev but this time in August 25-27 taking into account thorough coordination with other events in our field and Kiev weather. We expect excellent conditions for the successful MRRS-2011. All researchers, experts and students who work in our field are cordially invited, and we are waiting for all our traditional participants as well as new colleagues and friends.

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. Both 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-2011 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 consideration by TPC before April 20, 2011

by e-mail: yanovsky@i.com.ua and yuliya-ans@yandex.ru

Reviewing will be done by at least 3 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 selected by TPC papers, presented at the Conference, will be recommended for publication in the International Journal of Microwaves and Wireless Technologies (<http://journals.cambridge.org/mrf>). For further information please visit our web page at <http://ieee.nau.edu.ua/index-22.html> or contact us by E-mail: yuliya-ans@yandex.ru; yanovsky@i.com.ua

Young Scientist Travel Grants

Modest travel grants are expected to help young scientists to attend the MRRS-2011 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-2011 Symposium. Each prize includes cash money and a colorful certificate.

Chairman MRRS 2011 Symposium

Professor Dr. Felix Yanovsky, IEEE Fellow, EuMA Member
IEEE SP/AES Societies Central Ukraine Joint Chapter Chair
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MRRS 2011 Symposium Coordinator

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WELCOME TO KIEV, UKRAINE !

