

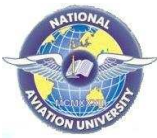
Call for Papers

RADAR METHODS AND SYSTEMS WORKSHOP (RMSW)

<http://iee.nau.edu.ua/index-12.html>

September 21-23, 2010

Kiev, Ukraine



IEEE



Organized in the framework of
the Fourth World Congress
"Aviation in the 21st Century"

by IEEE Ukraine Section Joint SP/AES Chapter (Kiev)
and National Aviation University - Radio Electronics Department and ANS Department

Objectives and grounds

The Radar Methods and Systems Workshop (RMSW) is a successor of the Microwaves, Radar and Remote Sensing Symposium (MRRS) that was very successful in 2005 and 2008. The last MRRS gathered together participants from more than 20 countries in Kiev in 2008. MRRS is planned to be conducted every third year (next MRRS will be in 2011), and this year a smaller but also very interesting event – RMSW-2010 will be held in the framework of the 4th World Congress "Aviation in the 21st Century" (<http://congress.nau.edu.ua/>). RMSW-2010 is planned to be a forum of ideas exchange and results discussion in the field of radar methods, systems, technology, and applications. Both passive and active methods and systems of all frequency bands are welcome.

Language

The language of all papers, presentations and discussions at the RMRW is only English

Suggested topics

- Antenna theory and techniques
- Scattering and RCS
- Polarimetric and Doppler techniques
- Radar signal processing
- Primary radar systems
- Secondary radar systems
- Passive radar systems
- Millimeter and sub-millimeter wave systems
- Ultra-wideband radar
- Target classification and identification
- Airborne and spaceborne surveillance systems
- Remote sensing of land
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- Weather radar
- Meteorological phenomena detection and identification
- Remote sensing of atmosphere
- Biomedical applications
- Data and image processing and representation
- Origin of radar and remote sensing
- Education in radar and remote sensing
- Math Modeling and Simulation
- SAR and ISAR
- Acoustic and radioacoustic systems

Program

The scientific program of the IEEE RMSW-2010 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.

Important Dates

Abstract Submission Date: June 15, 2010

Notification of Acceptance: July 14, 2010

Final Paper Submission and on-line Registration: August 27, 2010

Publications

All contributions presented in oral and poster sessions will be published in the Proceedings of the Fourth World Congress and CD. Selected papers successfully presented at RMSW-2010 will be recommended for publication as extended version in one of the respected international journals: "Microwave and Wireless Technology" (Cambridge University Press, UK) or "Telecommunications and Radio Engineering" (USA).

Rules for abstract and paper preparation

A complete manuscript in English describing a new work in the areas of RMSW-2010 Topics should be prepared in both .pdf and .doc formats in accordance with the detailed instructions presented at the Congress web page: <http://congress.nau.edu.ua/index.php?proceedings> . Full text of an RMSW-2010 abstract should occupy not more than four (but not less than two) A4 full pages including figures, tables, and references. However, all RMSW contributors are encouraged to make the first submission prepared as close to the future full paper as possible.

Contacts and Submissions

For further information about RMSW-2010 please visit our web page

<http://ieee.nau.edu.ua/index-12.html> or contact us by E-mail to Yuliya Averyanova yuliya-ans@yandex.ru

All contributions please submit by e-mail to yuliya-ans@yandex.ru and copy to yanovsky@i.com.ua

The deadline for the first submission (abstract) **June 15, 2010** is strict.

Chairman of RMSW-2010

Professor Felix Yanovsky, IEEE Fellow
felix.yanovsky@ieee.org

RMSW-2010 Coordinator

Dr. Yuliya Averyanova, IEEE Member
yuliya-ans@yandex.ru

