

Call for Papers

THE THIRD 2016 IEEE RADAR METHODS AND SYSTEMS WORKSHOP (RMSW-2016)

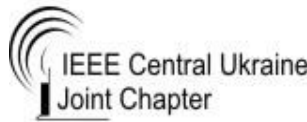
<http://ieee.nau.edu.ua/rmsw-2016/index.html>

September 27-28, 2016

Kiev, Ukraine



IEEE



Organized in the framework of
the 7th World Congress "Aviation in the 21st Century" –
"Safety in Aviation and Space Technologies"

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

Objectives and grounds

The **2016 IEEE Radar Methods and Systems Workshop** is a successor of the Microwaves, Radar and Remote Sensing Symposium (MRRS) that was very successful in 2005, 2008, 2011 and 2014. MRRS is planned to be conducted every third year (next MRRS will be in 2017). In 2010 a smaller but also very interesting event – the first RMSW (<http://ieee.nau.edu.ua/index-12.html>) started in the framework of the 4th World Congress "Aviation in the 21st Century" (<http://congress.nau.edu.ua/>). The participants from 10 countries presented their papers and discussed the latest results. Then the second **RMSW-2012** has joined participants from 12 countries (<http://ieee.nau.edu.ua/index-34.html>).

The third **RMSW-2016** will be held in the framework of the **7th World Congress "Aviation in the 21st Century" – "Safety in Aviation and Space Technologies"** (<http://congress.nau.edu.ua/>) and is planned to be a forum of ideas exchange and results discussion in the field of electromagnetic theory and applications; radar technology and systems; signal processing, including acoustic signals; remote sensing methods and data processing, Nanoelectronics in Advanced Signal Processing, Microwave and Radar 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 RMSW is English

Suggested topics

- Antenna theory and techniques
- Scattering and RCS
- Polarimetric and Doppler techniques
- Signal, Image and Data processing
- Primary and Secondary radar
- MIMO systems
- Passive systems
- Millimeter and sub-millimeter wave systems
- UWB radar
- Target classification and identification
- Airborne and spaceborne systems
- Remote sensing
- Weather radar
- Biomedical applications
- Math Modeling and Simulation
- SAR and ISAR
- Acoustic and radioacoustic systems
- Nanoelectronics in Advanced Signal Processing, Microwave and Radar Applications

Program

The scientific program of the IEEE RMSW-2016 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

Paper Submission Date: June 5, 2016

Notification of Acceptance: June 19, 2016

Publications

All contributions presented in oral and poster sessions will be published in the Proceedings of the Seventh World Congress and CD. Selected papers successfully presented at RMSW-2016 will be recommended for publication as extended version in the international journals: “International Journal of Microwave and Wireless Technology” (Cambridge University Press, UK), “Telecommunications and Radio Engineering” (USA), “Electronics and Control Systems” (Ukraine), “Bulletin of the National Aviation University” (Ukraine).

Contacts and Submissions

For further information about RMSW-2016 please visit our web page

<http://ieee.nau.edu.ua/rmsw-2016/index.html> or contact us by E-mail to Yuliya Averyanova ayua@nau.edu.ua

All contributions please submit by e-mail to ayua@nau.edu.ua and copy to felix.yanovsky@ieee.org in **both** .pdf and .doc format.

Chairman of RMSW-2016

Professor Felix Yanovsky, IEEE Fellow
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RMSW-2016 Coordinator

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