

# MRW<sup>2020</sup>

Microwave  
and  
Radar Week

9<sup>th</sup> Microwave and Radar Week  
18-21 May 2020, Vilnius, Lithuania



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## CALL FOR PAPERS

A joint scientific week includes:

- International Microwave and Radar Conference  
**MIKON 18-21 May, 2020**
- International Radar Symposium  
**IRS 18-21 May, 2020**
- Baltic **URSI** Symposium **19-21 May, 2020**
- Signal Processing Workshop **SPW 18 May, 2020**

Submission deadline: **14 January 2020**  
Early Bird registration: **3 - 16 March 2020**  
**Accepted papers will be submitted  
for inclusion into IEEE Xplore.**

**MRW 2020 Chair:** Józef Modelski  
**Organizing Committee Chair:** Boris Levitas  
**Conference website:** [mrw2020.org](http://mrw2020.org)

### ORGANIZED BY:



### AND SUPPORTED BY:



## TOPICS LIST

### MIKON

Antenna Design, Modeling & Measurements  
Active Devices & Components  
Passive Devices & Components  
Microwave & Optical Integrated Circuits  
Millimeter & Sub-millimeter Technology  
Photonics, Microwave-Light Wave Interaction  
RF, VHF & UHF Technology  
Magnetic & Acoustic Wave Devices  
Spintronics  
CAD Technology, Modeling & Simulation  
Microwave Measurements  
Teaching Microwaves  
Industrial, Environmental & Medical Applications  
Microwave & Optical Communications Systems  
Wireless & Personal Communications  
Radar Technology  
Radar Polarimetry & Signatures  
Sensors, Detectors & Vehicular Radars  
Electromagnetic Compatibility  
THz Techniques  
Space and Satellite Systems

**Chairs: Adam Abramowicz, Boris Levitas**

### URSI

Commission A: Electromagnetic Metrology  
Commission B: Fields and Waves  
Commission C: Radiocommunication Systems and Signal Processing  
Commission D: Electronics and Photonics  
Commission E: Electromagnetic Environment and Interference  
Commission F: Wave Propagation and Remote Sensing  
Commission G: Ionospheric Radio and Propagation  
Commission H: Waves in Plasmas  
Commission J: Radio Astronomy  
Commission K: Electromagnetics in Biology and Medicine

**Chairs: Yury Kuznetsov, Włodzimierz Zieniutycz**

### IRS

Multi-Channel and Array Processing  
Adaptive Signal Processing / STAP  
SAR / ISAR Imaging  
Compressive Sensing  
Cognitive Radar  
Localisation and Tracking  
Ground Moving Target Indication  
Sensor Data Fusion  
Passive, Bistatic and Multi-Static Radar  
Forward Scattering Radar  
HF and Over-the-Horizon Radar  
Millimeter Wave and THz Radar  
MIMO Radar  
UWB and Noise Radar  
Antennas, Arrays and Beamforming  
Propagation of Radar Signals  
Polarimetric Radar / Radar Polarimetry  
Radar and Clutter Modelling  
Ground / Airborne / Spaceborne Radar  
Radar Remote Sensing  
Automotive and Maritime Radar  
Weather Radar

**Chairs: Peter Knott, Krzysztof Kulpa**

### SPW

Algorithms for Real-Time Processing  
Bio-medical Signal Processing  
Cognitive Signal Processing  
Image Processing and Recognition  
Localization and Tracking  
Multimedia Signal Processing  
Nonlinear Signal Processing  
Radar Signal Processing  
Signal Processing Theory and Methods  
Security Applications  
Statistical Signal Processing  
Tomography and Medical Image Reconstruction  
Waveform Design Techniques

**Chairs: Dalius Navakas, Konrad Jedrzejewski**

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