



# MAREW 2019 Microwave and Radio Electronics Week 2019

APRIL 16–18, 2019  
Pardubice | Czech Republic

29th International Conference Radioelektronika 2019  
19th International Conference on Microwave Techniques 2019



## WELCOME

The Microwave and Radio Electronics Week 2019 – MAREW 2019 is organized by the Faculty of Electrical Engineering and Informatics, University of Pardubice in cooperation with Czech and Slovak technical universities. The purpose of the conference is to create a discussion forum for researchers, academics, people in industry, and students who are interested in the latest development in the area of electronics, signal processing and applications, information technologies, microwave techniques and related disciplines.

The convention consists of two conferences – **29th International Conference Radioelektronika 2019** and **19th Conference on Microwave Techniques 2019**. The official language of the convention is English.

## VENUE

The Microwave and Radio Electronics Week 2019 will be held at the Faculty of Electrical Engineering and Informatics, University of Pardubice, which is located in the center of the town Pardubice, Czech Republic. Pardubice can be easily reached by train, bus or car. The venue is readily accessible by public transport.

## FORMAT OF THE CONFERENCES

The conference includes the following formats:

- Plenary sessions with invited keynote speakers
- Oral sessions
- Poster sessions
- Short courses & Workshops
- Sponsors exhibition

## PROCEEDINGS

All presented papers accepted to the conference will be sent for indexing to the IEEE-Xplore, SCOPUS, Thomson Reuters Web of Science and Google Scholar.

## IMPORTANT DATES

**Full Paper Submission (4–6 pages):**  
FEBRUARY 28, 2019  
**Notification of Acceptance:**  
MARCH 14, 2019  
**Final Paper Submission:**  
MARCH 31, 2019  
**Deadline for Fee Payment:**  
APRIL 7, 2019

## CONTACTS

### MAREW 2019

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Under Auspices:



## TOPICS OF THE MAREW 2019

### SIGNAL PROCESSING AND APPLICATIONS

- Analog Signal Processing
- Biomedical Signal Processing
- Digital Signal Processing
- DSP Algorithms
- Image and Video Processing
- Radar Signal and Data Processing
- Radar Image Processing
- Real Time Signal Processing
- Signal Analysis
- Spectral Analysis
- Speech and Audio Processing

### CIRCUITS AND SYSTEMS

- Analog and Digital Circuits
- Computer Modeling
- Communication and RF Circuits and Systems
- Digital and Embedded Systems
- Electronics Circuits
- Electronics in Industry and Transport
- EMC
- GNSS
- Power Electronics
- Sensors and Materials
- Test, Verification of Electronics Systems
- VLSI Systems

### INFORMATION TECHNOLOGIES

- Algorithms and Data Structures
- Computational Science and Applications
- Data Management
- Information Systems
- Network Technologies
- Network Services
- Parallel and Distributed Computing
- Telecommunication Systems
- Wireless Network Systems

### MICROWAVE, PROPAGATION AND LIGHTWAVES

- Antennas Design and Modelling
- Antenna Measurements
- Communication Systems
- Electromagnetic Compatibility
- Industrial Applications
- Lightwaves
- Microwave Circuits and Systems
- Microwave Measurements
- Millimeter, Submillimeter and TeraHertz Antennas, Propagation and Measurements
- Microwave Modeling & Simulation
- Signal Propagation
- UWB Technology