

## EuCAP 2019 Organising Committee

### Conference General Chairs

Paweł Kąbacik – Wrocław University of Science and Technology, Poland  
Włodzimierz Zieniutycz – Gdańsk University of Technology, Poland

### EurAAP Chair

Cyril Manganot – ApiSpace, France

### Past Edition Chair

Yang Hao – Queen Mary University of London, United Kingdom  
Tony Brown – The University of Manchester, United Kingdom

### Next Edition Chair

Olav Breinbjerg – Technical University of Denmark, Denmark

### Technical Programme Chairs

Andrzej Kucharski – Wrocław University of Science and Technology, Poland  
Romain Fleury – École Polytechnique Fédérale de Lausanne (EPFL), Switzerland  
Pavel Hazdra – Czech Technical University, Prague, Czech Republic  
Sławomir Ambroziak – Gdańsk University of Technology, Poland

### Financial Chairs

Anja Skrivervik – École Polytechnique Fédérale de Lausanne (EPFL), Switzerland  
Bartłomiej Salski – MIKON Foundation, Poland

### Exhibition and Sponsorship Chairs

Dirk Heberling – RWTH Aachen, Germany  
Carlo Rizzo – Assysl, Spain  
Jerzy Michalski – SpaceForest, Poland

### Local Organising Chair

Edward Sędek – PIT-RADWAR, Poland

### Invited and Keynote Speakers

**Chairs**  
Guy Vandenbosch – Katholieke University Leuven (KU), Belgium  
Ross Stone – Stoneware, USA  
Mohammad S. Sharawi – King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia

### Convened Sessions Chairs

Francesca Vipiana – Politecnico di Torino, Italy  
Nicolas Capet – Anywaves, France  
Juha Ala-Laurinaho – Aalto University, Finland

### Short Courses & Workshops Chairs

Eva Rajo Iglesias – University Carlos III of Madrid, Spain  
Sean Victor Hum – University of Toronto, Canada

### Awards and Grants Chairs

Janet Nichols O'Neil – ETS-Lindgren, Texas, USA  
Zbynek Raida – Brno University of Technology, Czech Republic

Angelo Freni – University of Florence, Italy

### Publication & Dissemination Chairs

Paola Pirinoli – Politecnico di Torino, Italy  
Wojciech Krzysztofik – Wrocław University of Science and Technology, Poland  
Artur Rydosz – University of Science and Technology (AGH), Krakow, Poland

### Local Organising Team

Artur Rydosz – University of Science and Technology (AGH), Krakow, Poland  
Paweł Bajurko – Warsaw University of Technology, Poland  
Marek Bugaj – Military University of Technology (WAT), Warsaw, Poland  
Piotr Kowalczyk – Gdańsk University of Technology, Poland

### Industrial Liaison

Rafał Glogowski – SQ Engineering, Poland

### AMTA Liaison

Manuel Sierra Castañer – Universidad Politécnica de Madrid, Spain

### AMTA Local Chair

Carlo Rizzo – Assysl, Spain

### EuMA Liaison

Roberto Sorrentino – EuMA, Italy

### ISAP Liaison

Jaehoon Choi – Hanyang University Seoul, Korea

### IEEE Liaison

W. Ross Stone – Stoneware, USA

### URSI Liaison

Makoto Ando – Tokyo Institute of Technology, Japan

### URSI Liaison (Commission B)

Kazuya Kobayashi – Chuo University, Japan

### URSI Liaison (Commission F)

Krzysztof Kulpa – Warsaw University of Technology, Poland

### Poland Liaison

Józef Modelski – Polish Academy of Science (PAN), Poland

### Turkey Liaison

Ozlem Aydin Civi – Middle East Technical University, Turkey

### Asia Pacific Liaison

Zhi Ning Chen – National University of Singapore (NUS), Singapore

### North Africa & Middle East Liaison

Mohammad S. Sharawi – King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia

### North America Liaison

Janet Nichols O'Neil – ETS-Lindgren, Texas, USA



## Key dates for your diary

### CONVENED SESSIONS

15 June 2018	Deadline for submission of proposals
9 July 2018	Notification of acceptance

### SHORT COURSES AND WORKSHOPS

28 September 2018	Deadline for submission of proposals
5 November 2018	Notification of acceptance

### FULL PAPERS

12 October 2018	Deadline for full paper submission
18 December 2018	Notification of paper acceptance

31 January 2019	Deadline for final manuscript submission
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## Why submit a paper to EuCAP?

Authors of accepted papers at EuCAP will have their work published in the conference proceedings. Accepted papers will be considered for IEEE Xplore, unless otherwise stated by the author. During the conference, EurAAP will provide awards to student and experienced authors of the best papers within the scientific & technical areas. Travel Grants in form of a waiver of the registration fees will be awarded to a number of authors of high quality papers from developing countries, who have a difficulty to pay the conference fee. The detailed information and participation rules about the various awards and grants will be available at [www.eucap2019.org](http://www.eucap2019.org).

[eucap2019@mazurkas.pl](mailto:eucap2019@mazurkas.pl)

 #EuCAP2019

[www.eucap2019.org](http://www.eucap2019.org)





## The 13<sup>th</sup> European Conference on Antennas and Propagation EuCAP

31 March-5 April 2019 | Krakow, Poland

## CALL FOR PAPERS

Submit your paper online at [www.eucap2019.org](http://www.eucap2019.org) by 12 October 2018

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# The 13th European Conference on Antennas and Propagation

31 March-5 April 2019 | Krakow, Poland

## Call for Papers

This is your chance to present your latest research, results and applications to an international audience of antennas and propagation specialists. Over 1200 global experts from industry and academia are expected to attend EuCAP 2019.

## Submission format

Authors are invited to submit their contribution in the form of a final paper in PDF format, with a minimum length of two A4 pages and a maximum length of five A4 pages.

The paper must contain enough information for the Technical Programme Committee and reviewers to judge on the originality and quality of the work in a single acceptance/rejection review process.

## Conference Topics

### ANTENNAS AND RELATED TOPICS

A01	Active and integrated/on-chip antennas	A20	Frequency and polarization selective surfaces
A02	Array antennas, antenna systems and architectures	A21	Micro-structures and nano/optical antennas
A03	Reflect arrays and transmit arrays	A22	Antenna theory, computational and numerical techniques
A04	Millimeter, sub-millimeter and TeraHertz antennas	A23	Antenna interactions and coupling
A05	MIMO, diversity, smart antennas & signal processing	A24	Optimisation methods in EM
A06	Multiband and wideband antennas	A25	High frequency and asymptotic methods
A07	UWB antennas and time-domain techniques	A26	3D-printed antenna technologies
A08	Metamaterials, metasurfaces and EBG for antennas	A27	Antennas for wireless power transmission and harvesting
A09	Conformal antennas	A28	Wire antennas
A10	Printed elements, baluns and associated/matching circuits	A29	RFID antennas/sensors and systems
A11	Adaptive and reconfigurable antennas	A30	Vehicular antennas/antennas on large platforms
A12	Reflector, feed systems, and components	A31	Antennas for software-defined /cognitive radio
A13	Lens antennas and radomes	A32	Other topics
A14	Small antennas		
A15	Wearable and implantable antennas		
A16	Slotted-, guided- and leaky- wave antennas		
A17	Scattering, diffraction and RCS		
A18	Imaging, sensing, and radar antennas		
A19	Dielectric resonator antennas		

Submit your paper online at [www.eucap2019.org](http://www.eucap2019.org) by 12 October 2018

### PROPAGATION AND RELATED TOPICS

P01	Propagation theory	P15	Earth-Space Propagation for land-mobile satellite and satellite navigation services
P02	Ray tracing and numerical simulation techniques	P16	Trans-ionospheric and tropospheric propagation
P03	Propagation modelling and simulation	P17	Propagation for vehicular communications
P04	Propagation experimental methods and campaigns	P18	Propagation in biological tissues
P05	Imaging and inverse scattering	P19	Propagation in vegetated areas
P06	Scattering, diffraction, and RCS	P20	Radar, localisation, and sensing
P07	Measurement techniques	P21	MIMO channel modelling
P08	Millimetre-wave propagation for wireless networks	P22	Channel sounding and parameter estimation techniques
P09	UWB propagation	P23	Propagation for atmospheric remote sensing and radio science
P10	HF propagation	P24	Optical propagation
P11	Body-area propagation	P25	Other propagation topics
P12	Indoor propagation		
P13	Urban propagation		
P14	Earth-Space Propagation for fixed satellite services		

### ANTENNA AND RCS MEASUREMENT TECHNIQUES

M01	General antenna measurements	M07	EMI/EMC/PIM chambers, instrumentation and measurements
M02	Techniques and tools for RF material characterisation	M08	Over-The-Air (OTA) multipath testing
M03	Test range modelling and validation	M09	Dosimetry, exposure and SAR assessment
M04	Radar scattering measurement and calibration techniques	M10	Satellite and aerospace antenna characterisation
M05	Near-field, far-field, compact and RCS test ranges	M11	Millimetre-wave antenna measurements
M06	Data acquisition, imaging algorithms and processing methods	M12	Advanced post-processing and diagnostics
		M13	Advances in MIMO and OTA testing
		M14	Other measurement topics

### APPLICATION TRACKS

Aimed at increasing the interaction between academia and industry, EuCAP 2019 features session tracks focused on applications:

T01	Cellular networks and 5G	T07	Positioning, localisation and tracking
T02	Ultra-high data rate communications	T08	Space
T03	Wireless LANs	T09	EM modeling and simulation tools
T04	Connected objects (IoT, RFID, WSN)	T10	Biomedical and biological effects
T05	Radar systems	T11	Fundamental research and Multiple applications
T06	Defence and security		

## About EuCAP

EuCAP, owned by the European Association on Antennas and Propagation (EurAAP) has been organised since 2006. The conference provides an overview of the state of the art developments and innovations in Antennas, Propagation, and Measurements, highlighting the latest requirements for future applications.

## Welcome to Krakow!

We are very honored that Poland was chosen to host the 13th edition of EuCAP. Krakow is a very unique place, being among the most favourable European tourist destinations. Accommodation expenses in Krakow are affordable to tourists coming from around the world, as there are approximately 1350 hotels, B&B, and hostels, as well as close to 1500 restaurants and bars offering their services not at sky-rocketing prices, but at modest levels. Furthermore, use of local currency Polish Zloty (PLN) in Poland, further lower actual accommodation costs to visitors.

[www.krakow.pl/english](http://www.krakow.pl/english)

## Venue

The conference will be held in **ICE Krakow Congress Centre**, awarded as the best Congress Centre in New Europe in 2015 & 2017, located on the river bank in the heart of the town overlooking the Royal Castle Wawel, Krakow's Old City and Kazimierz (historical Jewish district).

[www.icekrakow.com](http://www.icekrakow.com)



The nearest bus and tram stop is located only 50 meters away from the ICE congress centre, with two dozen tram and bus lines providing comfortable transportation between ICE and all parts of Krakow.

## Free pass for metropolitan transport system has been granted by the municipality to conference participants.

We would also like to point out direct flights between Chicago, New York and Krakow or Warsaw/Krakow. Flight connections between East US Coast or East Canada and Krakow are available within 15 hours journey. Flights between East Asia metropolises and Polish main airport hubs in Warsaw and Krakow, result with considerable shorter total travel time from Asia to Krakow downtown as compared with total travel times to many other European cities.

Early April average temperature in Krakow in last years: 15-20 Celsius degree (59°F-68 °F)

## Special evening events

Welcome reception held in the ICE Krakow Congress Centre  
Philharmonic concert in 2000 seat auditorium, one of the best concert halls in terms of acoustic quality in Europe  
Conference dinner at the historic Old Tram Depot [www.starazajezdniakrakow.pl/en](http://www.starazajezdniakrakow.pl/en)

## Contact us

Professional Conference Organiser **Mazurkas Congress and Conference Management**  
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