



UNIVERSIDAD  
DE MÁLAGA



MEHRAN UNIVERSITY  
OF ENGINEERING & TECHNOLOGY  
JAMSHORO, PAKISTAN



SIR SYED UNIVERSITY  
OF ENGINEERING & TECHNOLOGY  
KARACHI, PAKISTAN

## Global Conference on Wireless and Optical Communications

### CALL FOR PAPERS

**GCWOC'17** is an International forum for researchers to exchange information regarding novel aspects of technology, application and service development within the multidisciplinary framework of Wireless and Optical Communication Technologies. GC-WOC'17 is being jointly organized by University of Malaga (UMA, Spain), Mehran University of Engineering & Technology (MUET, Pakistan), and Sir Syed University of Engineering & Technology (SSUET, Pakistan), with technical cooperation from Erasmus Mundus LEADERS program.

**GCWOC'17** aims to facilitate a creative environment for the promotion of collaboration and knowledge transfer. The conference program will consist of keynote speakers from both industry and academia, panel discussion and a multi-track technical program.

We solicit papers addressing areas in, but not limited to:

#### Wireless Communications

- Signal processing
- Software-defined radio and cognitive radio
- Energy efficiency and power management systems
- Smart and mobile antennas
- Circuits design for wireless systems
- Wireless sensor networks
- Access control mechanisms
- Wireless Routing mechanisms
- Wireless Security
- Industrial applications

#### Optical Communications

- Optical signal processing
- Optical sensors
- Photonic communications systems
- High-speed optical communications systems and devices
- Optical amplifiers
- Coding techniques
- Optical networks
- Novel implementations for receivers and transmitters
- Industrial applications

#### Paper Submissions

Authors are encouraged to submit full original papers in the English language and not considered for publications elsewhere. All papers should be submitted as PDF through EasyChair (<https://easychair.org/conferences/?conf=gcwoc17>). Papers should be written in English with a maximum paper length of ten (10) printed pages.

Full details of submission procedures and other additional information are available at <http://gcwoc17.ic.uma.es>.

**Note:** As in previous editions, the conference has applied for a special issue in Springer's Journal on Wireless Personal Communication for selected papers. Consent is pending.

#### Venue: Malaga a city of history, modern culture and fun

Malaga, capital of the province of the same name, is the fifth most populated city in Spain. It is located in the south of the Iberian Peninsula, in a privileged spot. The city has a population of 560,000 inhabitants, although almost a million people live in the metropolitan area. The Mediterranean Sea bathes the Malaga

coastline, providing the characteristically mild temperatures of the area. The average temperatures fall between a maximum of 22.8° C and a minimum of 13° C.

Malaga has a natural heritage of great environmental wealth. The natural setting of the estuary of the Guadalhorce is a stopping point for hundreds of migratory species and is noted for its great ecological value.

Admire buildings of different ages and be enthralled by the stories that the city can tell. The Roman Theatre and garum (Roman fish paste) pools will take you to the times of Roman Hispania. The Alcazaba is the most beautiful living example of the period of Muslim domination. Experience the reconquest (La Reconquista) by the Catholic Monarchs from the Santuario de la Victoria (the Shrine of Victory). Visit the Cathedral and see real works of art.

Malaga is also keen on modern culture and art. Home town of Pablo Picasso, Malaga hosts two museums devoted to the work and influences of one of the most influencing modern painters.

### Important Dates

- **Abstract submission :** **March 30<sup>th</sup>, 2017**
- **Abstract acceptance notification :** **April 25<sup>th</sup>, 2017**
- **Paper submission :** **May 15<sup>th</sup>, 2017**
- **Paper acceptance notification:** **June 20<sup>th</sup>, 2017**
- **Camera-ready manuscript:** **July 13<sup>rd</sup>, 2017**
- **Conference dates:** **Sept 18<sup>th</sup>-20<sup>th</sup>, 2017**

### Organization Committee

#### Conference Chairs

Dr. Javier Poncela, University of Malaga, Spain  
Dr. B.S.Chowdhry, MUET/Lead Person Erasmus Mundus projects MUET

#### TPC Chairs

Dr. Pablo Otero, University of Malaga, Spain  
Dr. Muhammad Aamir, Sir Siyed University of Engineering Technology, PK

#### Proceedings Chairs

Dr. M.C. Clemente, University of Malaga, Spain  
Dr. Thomas Newe, University of Limerick, Ireland  
Dr. D.M. Akbar Hussain, University of Aalborg, Denmark

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