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# Scientific Program

5<sup>th</sup> International Conference on  
**Wireless,  
Telecommunication & IoT**  
&  
**11<sup>th</sup> Euro Biosensors &  
Bioelectronics Congress**  
October 23-24, 2019 | Rome, Italy

UK: Conference Series LLC Ltd  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

October 23, 2019

Meeting Hall: **Zaragoza**

08:30-09:00 Registrations

*Opening Ceremony* ..... **09:00-09:20**

## KEYNOTE FORUM

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09:20-09:30 Introduction

09:30-10:10 **Title: Spatial correlated microwave technologies: The future of the broadband mobile communications**  
Veselin Borisov Demirev, Technical University, Bulgaria

10:10-10:50 **Title: Resource slicing and customization in 5G RAN with dueling deep Q-Network**  
Guolin Sun, University of Electronic Science and Technology of China, China

## GROUP PHOTO 10:50-10:55

**Networking & Refreshments 10:55-11:10 @ Foyer**

11:10-11:50 **Title: An electrolysis micropump's development and potential applications**  
Shih-Chi Chan, Hsiao Chung-Cheng Healthcare Group, Taiwan

**Sessions: Wireless Communication | Telecommunication | Internet of Things (IoT) | Mobile and Wireless Network | Ad Hoc and Sensors Networks | 5G and Beyond | Technology for Wireless | Biosensors | Bioelectronics | Types of Biosensors | Biosensing Technologies | Nanotechnology in Biosensors | Enzymatic Biosensors | Environmental Biosensors**

**Chair: Guolin Sun**, University of Electronic Science and Technology of China, China

## INTRODUCTION

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11:50-12:20 **Title: Technical progress reduces the degree of competition that maximizes investment in innovation**  
François Jeanjean, Orange, France

12:20-12:50 **Title: Towards the improvement of red voltage sensor**  
Liubov Kost, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry-RAS, Russia

**Lunch Break 12:50-13:50 @ Foyer**

13:50-14:20 **Title: Cellular planning and optimization for 5G heterogeneous networks**  
Upena Dalal, Sardar Vallabhbhai National Institute of Technology, India

14:20-14:50 **Title: Ultrasensitive optical biosensor for cardiac troponin I biomarker based on Mn-MOF**  
Sheta M Sheta, Inorganic Chemistry Department, National Research Centre, Egypt

14:50-15:20

**Title: Strong and stable optimization approaches to wireless network design**  
Fabio D'Andreagiovanni, Sorbonne University, France

15:20-15:50

**Title: An electrolysis micropump's biomedical applications**  
Shih-Chi Chan, Hsiao Chung-Cheng Healthcare Group, Taiwan

15:50-16:20

**Title: Information technology and its application in Dentistry**  
Omid Panahi, Yeditepe University, Turkey

16:20-16:50

**Title: Information technology and its application in Dentistry**  
Pejman Panahi, Bolu Abant Izzet Baysal University, Turkey

Networking & Refreshments 16:50-17:05 @ Foyer

**POSTER PRESENTATIONS 17:05- 17:30 @ FOYER**

**Panel Discussion**

**DAY-2**

October 24, 2019

Meeting Hall: **Zaragoza**

Extended Networking & Lunch 13:00-14:00 @ Foyer

**Awards & Closing Ceremony**

**Bookmark your Dates**

6<sup>th</sup> International Conference on

**Wireless, Telecommunication & IoT**

September 28-29, 2020 | Barcelona, Spain

E: [wireless@brainstormingmeetings.com](mailto:wireless@brainstormingmeetings.com)

Website: [wirelesscommunication.expertconferences.org](http://wirelesscommunication.expertconferences.org)

**12<sup>th</sup> Euro Biosensors & Bioelectronics Congress**

August 03-04, 2020 | Zurich, Switzerland

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Website: [biosensors.conferenceseries.com/europe](http://biosensors.conferenceseries.com/europe)