

# Scientific Program



4<sup>th</sup> International Conference and Business Expo on  
**Wireless,  
Telecommunication & IoT**

July 19-20, 2018 | London, UK

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

# Day-1

July 19, 2018

09:30-10:00 Registrations

## Opening Ceremony

10:00-10:15

Meeting Hall @ Earhart

### KEYNOTE FORUM

Introduction

**10:15- 11:00** **Title: Green technology and consumer electronics driven creative wireless technologies for smart cities**  
Ezendu Ariwa, Warwick University, UK

### GROUP PHOTO (11:00-11:05)

Networking & Refreshments 11:05-11:20 @ Breakout Area

**11:20-12:05** **Title: Spectrum efficient PAPR reduction techniques for OFDM systems**  
Tetsuya Shimamura, Saitama University, Japan

**Sessions:** Wireless Communication | Ad Hoc and Sensors Networks | 5G and Beyond | Telecommunication | Internet of Things (IoT) | Satellite Communication | Mobile and Wireless Network | Technology for Wireless

**Chair:** Gabriele Donà, Thales Alenia Space, Italy

### PLENARY SESSION

**12:05-12:40** **Title: High-throughput satellite (HTS) with radio and optical frequencies for the next generation satellite communications**  
Morio Toyoshima, National Institute of Information and Communications Technology (NICT), Japan

**12:40-13:15** **Title: Innovation in satellite communications**  
Meir Moalem, Sky and Space Global, UK

Lunch Break 13:15-14:15 @ RBG

**14:15-14:50** **Title: Measuring the performance of wireless networks represented as probabilistic graphs by application of network reliability models**  
Louis Petingi, College of Staten Island (City University of New York), USA

**14:50-15:25** **Title: Blockchain technology as a trustworthy solution for IoT**  
Ali Al-Sherbaz, University of Northampton, UK

**15:25-16:00** **Title: 5G IoT and its key technological drivers**  
Mathini Sellathurai, Heriot-Watt University, UK

Networking & Refreshments 16:00-16:15 @ Breakout Area

## SPEAKER SESSION

16:15-16:35 **Title: 5G NR positioning: a new opportunity to achieve sub-meter accuracy with mobile networks**  
Giuseppe Destino, King's College London, UK

16:35-16:55 **Title: Metrics for broadband networks in the context of the digital economies**  
Salman M. Al-Shehri, Swansea University Swansea, UK

## PANEL DISCUSSION

# Day-2

July 20, 2018

Meeting Hall: Earhart

## KEYNOTE FORUM

09:45-10:30 **Title: Deep space communications technology state-of-the-art and challenges in future space exploration missions**  
Gabriele Donà, Thales Alenia Space in Italy, Italy

10:30-11:15 **Title: An efficient channel estimation for massive MIMO applied to 5G systems**  
Mário Marques da Silva, Universidade Autónoma de Lisboa , Portugal

Networking & Refreshments 11:15-11:30 @ Breakout Area

**Sessions:** Wireless Communication | Ad Hoc and Sensors Networks | 5G and Beyond | Telecommunication | Internet of Things (IoT) | Satellite Communication | Mobile and Wireless Network | Technology for Wireless

**Chair:** Ezendu Ariwa, Warwick University, UK

## PLENARY SESSION

11:30-12:05 **Title: Radio duct energetic retrofitting of ventilation: an air-conditioning system for existing buildings via radio-based control**  
Jörg Wollert, Fachhochschule Aachen, Germany

12:05-12:40 **Title: Cooperative cognitive radio for next-generation communications**  
Soon Xin Ng, University of Southampton. UK

12:40-13:15 **Title: Transforming from IoT wireless connectivity provider to an IoT solution provider**  
Dimitrios Spiliopoulos, O<sub>2</sub> – Telefonica, UK

Lunch Break 13:15-14:15 @ RBG

## SPEAKER SESSION

- 14:15-14:40** **Title: Wireless of Egypt**  
**Magdy Mohamed Hafez Abdelmaguid**, Financial Counselor in Minister of Finance of Egypt, Egypt
- 14:40-15:05** **Title: Cooperation in heterogeneous sensor network systems**  
**Li-Ling Hung**, Aletheia University, Taiwan

## WORKSHOP

- 15:05-16:05** **Title: Platform-thinking is the future of automotive aftersales and telematics**  
**Joffrey Mabuma**, TEAMWILLE GmbH, Germany

Networking & Refreshments 16:05-16:20 @ Breakout Area

## VIDEO PRESENTATION

- 16:20-16:35** **Title: Applications of wireless techniques to e-health industry**  
**Jose Manuel Lopez-Guede**, University of the Basque Country, Spain
- 16:35-16:50** **Title: Earth-space rain attenuation prediction from rain rate data using simple attenuation model for a tropical location**  
**Dalia Nandi**, Indian Institute of Information Technology Kalyani, India
- 16:50-17:05** **Title: Selecting network protocols for Internet of things based upon innovation and knowledge management**  
**Manan Bawa**, Slovak University of Technology in Bratislava, Slovakia  
**Dagmar Caganova**, Slovak University of Technology in Bratislava, Slovakia  
**Drahomira Polakovicova**, Slovak University of Technology in Bratislava, Slovakia

## PANEL DISCUSSION

**Awards & Closing Ceremony**

**Bookmark your dates**

5<sup>th</sup> International Conference and Business Expo on

# Wireless, Telecommunication & IoT

June 20-21, 2019 Rome, Italy

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