

Scientific Program

2nd International Conference and Business Expo on

Wireless & Telecommunication

April 21-22, 2016 Dubai, UAE



Conference Series LLC

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: wirelesscommunication@conferenceseries.net, wirelesscommunication@conferenceseries.com

Scientific Program

Day 1

April 21, 2016

08:30-09:00 Registrations

Grand Hall A

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09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 Introduction

09:30-10:20 Title: Network function virtualization deployment in production – models and solution architecture

Dharma Rajan, VMware Inc., USA

10:20-10:50 Title: Developing a user-based model of quality of experience for the internet of things

Donghee Shin & Min Ho Ju, Sungkyunkwan University, South Korea

Coffee Break 10:50-11:10

11:10-11:40 Title: Intelligent situational awareness powered by internet of things and human-centred recommender systems

Elizabeth Chang, Australian Defense, AUS

11:40-12:10 Title: How to capture, analyse and react on IoT generated sensor data in real time

Romeo Kienzler, IBM Watson IoT, Switzerland

Group Photo

5G and Beyond | Telecommunication | Wireless Communication | Wireless Models and Simulations | Mobile Networks Protocols and Applications | Green Wireless services | Mobile Computing and IoT | Technology for Wireless | Cloud Computing and Big Data | Multimedia Computing & Communications | Internet Services and Applications | Wireless Networks

Session Chairs: Elizabeth Chang, University of New South Wales, Australia

Session Co-chair: Vijayan K Asari, University of Dayton, USA

Session Introduction

12:10-12:35 Title: Substrate Integration Waveguide (SIW) antenna and passive front-end design considerations for the 5G transceiver

Konstantinos N. Voudouris, Higher Colleges of Technology, UAE

12:35-13:00 Title: Dynamic power adjustment for reducing identification time in RFID systems

Tsang-Ling Sheu, National Sun Yat-Sen University, Taiwan

Lunch Break 13:00-14:00

14:00-14:25 Title: Hybrid fusion receiving system to improve spectrum monitoring efficiency

Mahesh Nair, Higher Colleges of Technology, Abu Dhabi, UAE

14:25-14:50 Title: Wireless sensor networks for monitoring coastal erosion

Carlene Campbell, University of Wales Trinity Saint David, UK

14:50-15:15 Title: MIMO techniques for 5G wireless networks

Huan X. Nguyen, Middlesex University, UK

15:15-15:40 Title: Internet-of-Things, cyber-physical systems demarcation and contribution to the big data realm

Adel Ben Mnaouer, Canadian University Dubai, UAE

15:40-16:05 Title: Wireless sensor networks and its applications in surveillance

Khelifa Benahmed, University of Tahri Mohammed, Bechar-Algeria

Coffee Break 16:05-16:20

- 16:20-16:45** Title: **Intelligent situational awareness powered by internet of things and human-centred recommender systems**
Daniel Prior, UNSW Canberra, AUS
- 16:45-17:10** Title: **Mechanism for securing IEEE 802.11s routing protocols**
Yesica Imelda Saavedra Benitez, The National Institute of Technology, Mexico
- 17:10-17:35** Title: **Network enabled feature search on distributed servers around the world for human identification in video sequences**
Vijayan K Asari, University of Dayton, USA
- 17:35-18:00** Title: **GForces' NetDirector Footfall**
Sendos Mohamad, GForces, UAE

Day 2 April 22, 2016

Grand Hall A

Keynote Forum

- 09:00-09:30** Title: **Automatic pipeline threat detection by aerial surveillance**
Vijayan K Asari, University of Dayton, USA
- 09:30-10:00** Title: **Well-iris is a new wellness program**
Issa SALIM, Rashid Hospital, UAE
- 10:00-10:30** Title: **Millimeter-wave multiband RFIC chips for next-generation communications and sensing systems**
Cam Nguyen, Texas A&M University, USA

Communication in Defence and Aviation | Wireless Sensors & Actuators Networks | Access Point | ADSL | Broadband and Wifi | Bluetooth | Computer Networks & Wifi Extender | 3G & 4G internet | Mobile & Communication | Wimax | Ethernet, Modem, Router, Wifi Router, Wireless Router & Wifi Booster | Communications and Signal Processing

Session Chair: Mario Marques da Silva, Universidade Autónoma de Lisboa, Portugal

Session Co-chair: Vijayan K Asari, University of Dayton, USA

Session Introduction

- 10:30-10:55** Title: **A MIMO optimization for physical layer security**
Mario Marques da Silva, Universidade Autónoma de Lisboa, Portugal
- 10:55-11:20** Title: **OULU 5G test network – Rationale, structure and rollout**
Ari Pouttu, University of Oulu, Finland

Coffee Break 11:20-11:40

- 11:40-12:05** Title: **Wireless Friendly and Energy Efficient Buildings (WiFEEB)**
Hasim Altan, British University in Dubai, UAE
- 12:05-12:30** Title: **Bridging the Gap: Differential modulation in cooperative communications**
Sara AlMaeni, Khalifa University, Abu Dhabi, UAE
- 12:30-12:55** Title: **Modeling and optimizing mechanical properties of FSW thick pure copper plates utilizing Artificial Intelligent techniques**
Aydin Azizi, University of Technology in Oman
- 12:55-13:20** Title: **Using 3D virtual environment as an educational tool in a Middle Eastern University**
Ahmad F Shubita, University of Petra, Jordan

Lunch Break 13:20-14:10

- 14:10-14:35** Title: **Efficient distributed localization algorithm for ownership identification of reindeer calf using wireless sensor networks**
Gemma Morral Adell, Tromso University, Norway
- 14:35-15:00** Title: **Internet of Things (IoT) and its application in oil industry**
Jahangir Dadkhah Chimeh, Telecommunication Research center, Iran
- 15:00-15:25** Title: **Comparison of submerged and floating wireless sensor networks for monitoring underwater sediment transport**
Archie Watt, University of Wales Trinity Saint David, UK
- 15:25-15:50** Title: **Ultralow power wireless transceivers for IoT**
Mihai Sanduleanu, Masdar Institute of Science and Technology, UAE

Coffee Break 15:50-16:10

Poster Presentations 16:10-17:10

- P1 Title: Integrated broadband power line and visible light communication (VLC) system using OFDM and Turbo code**
Nader Nassar, University of Wollongong, Dubai
- P2 Title: Efficient distributed localization algorithm for ownership identification of reindeer calf using wireless**
Samavia Rizwan, University of Wollongong, Dubai
- P3 Title: Low-complexity channel estimation in massive MIMO wireless communication systems**
Yassine El Mouden, University of Wollongong, Dubai
- P4 Title: Comparison of different modulation techniques in a VLC environment**
Luke McShine, University of Wollongong, Dubai
- P5 Title: Biomedical sensing data transmission using VLC systems**
Ilyass Elataoui, University of Wollongong, Dubai
- P6 Title: Dimming control in visible light communication**
Afrah Ali, University of Wollongong, Dubai
- P7 Title: Underwater communication system for divers using**
Ayesha Adnan, University of Wollongong, Dubai
- P8 Title: An adaptive FIR filter for a high speed VLC system**
Nour El Sayed, University of Wollongong, Dubai
- P9 Title: GraceWarn mobile application**
Amro Mosaad, Canadian University Dubai, UAE
- P10 Title: Efficient distributed localization algorithm for ownership identification of reindeer calf using wireless sensor networks**
Gemma Morral Adell, The Arctic University of Norway, Norway

Panel Discussion

Awards & Closing Ceremony 17:10-17:20

Bookmark your dates

3rd International Conference and Business Expo on

Wireless & Telecommunication

Dec 08-09, 2016 Dubai, UAE

e-mail: wirelesscommunication@conferenceseries.net; wirelesscommunication@conferenceseries.com

Website: wirelesscommunication.conferenceseries.com

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS International
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS International
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HiTec City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048