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5th International Conference on

Wireless, Telecommunication & IoT

June 20-21, 2019
Rome, Italy



SCIENTIFIC PROGRAM

DAY 1
Thursday, 20th June

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: 5G and Beyond	**Talks On:** Telecommunication
Architecture of 5G	Transmission Networks
5G Devices	Signaling and Control
5G Design and Working	Data Switching and Routing
5G Application and Services	Mobile Switching systems and Network
5G for Digital Transformation	Challenges in Telecommunication
5G Security and Privacy	
5G Challenges	

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Internet of Things (IoT)	**Talks On:** Wireless Communication
The Future of IoT	Technology for Wireless Communication
Smart Buildings and Infrastructure	Mobile and Wireless Network
Smart Energy and Cities	Microwave Communication
Medical and Healthcare	Green Communication
Environmental Monitoring	Satellite Communication
Transportation	Radar Technology
	Radio Broadcasting
	Remote Sensing

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers	Workshop

DAY 2
Friday, 21st June

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50	MEETING HALL 01	MEETING HALL 02
	Talks On: Ad Hoc and Sensors Networks	**Talks On:** Real Time Embedded Systems
	Routing in Ad Hoc Networks	Distributed Real Time Embedded Systems
	TCP over Ad Hoc Networks	Security & Reliability in Real time Embedded Systems
	Applications of Sensor Networks	Emerging Trends in Embedded Multimedia Systems
	Sensor Networks Design Considerations	Parallel and Distributed Embedded Systems
	Security in Ad Hoc and Sensor Networks	Multi/Many-Core Embedded Systems

12:50-13:35 LUNCH BREAK

13:35-15:55	MEETING HALL 01	MEETING HALL 02
	Talks On: Big Data	**Talks On:** Cloud Computing
	Big Data Analytics	Emerging Cloud Computing Technology
	Big Data Technologies	Cloud Automation and Optimization
	Big Data Algorithm	High Performance Computing
	Big Data Applications	Mobile Cloud Computing
	Forecasting from Big Data	Cloud Computing Applications
	Optimization and Big Data	

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

For more Details, visit: https://wirelesscommunication.expertconferences.org/

Email: wireless@engineeringspeakerexperts.org

PAST AFFILIATES

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Theodor Wolfgang Hänsch
Nobel Prize in Physics 2005, Physics, Germany

Rune Hylsberg Jacobsen
Aarhus University, Denmark

Yosef Pinhasi
Ariel University, Israel

Naoki Wakamiya
Osaka University, Japan

Lisa Pawloski
George Mason Univeristy, USA

Mario Schölzel
Scientist, IHP in Frankfurt , Germany

Najib Abdo Nasser Odhah
IHP Microelectronics, Germany

Dong-Hee Shin
Sungkyunkwan University, South Korea

Cam Nguyen
Texas A&M University, USA

Vijayan K. Asari
University of Dayton, USA

Tetsuya Shimamura
Saitama University, Japan

Mário Marques da Silva
Universidade Autónoma de Lisboa , Portugal

Gabriele Donà
Thales Alenia Space , Italy

Ezendu Ariwa
Warwick University , UK

Louis Petingi
College of Staten Island, USA

Morio Toyoshima
National Institute of Information and Communications Technology, Japan

Meir Moalem
Sky and Space Global , UK

Mathini Sellathurai
Heriot-Watt University , UK

Dimitrios Spiliopoulos
O2 – Telefonica, UK

Soon Xin Ng
University of Southampton , UK

Ali Al-Sherbaz
University of Northampton , UK

Jörg Wollert
Fachhochschule Aaachen , Germany

Jose Manuel Lopez-Guede
University of the Basque Country , Spain

Li-Ling Hung
Aletheia University , Taiwan

PAST AFFILIATES

Giuseppe Destino
King's College London , UK

Zaid A. Shafeeq
Al Ahliyya Amman University , Jordan

Fatma Outay
Zayed University , UAE

Aydin Azizi
German University of Technology , Oman

Vamsi Krishna Paruchuri
University of Central Arkansas , USA

Adel Ben Mnaouer
Canadian University Dubai , UAE

Huseyin Bicen
Near East University , Cyprus

Donghee Shin
Sungkyunkwan University , South Korea

Trung-Dinh Han
Principal Engineer of Samsung , Vietnam

Bo Ai
Beijing Jiaotong Unviersity , China

Fatma Taher
Khalifa University , UAE

Eirini Karapistoli
Capritech Limited , UK

Jing Wang
University of South Florida , USA

Elizabeth Chang
UNSW Canberra at the Australian Defence Force Academy, Australia

Christian Roth
Vice president, Transaction Software GmbH, Germany

Rudolf Bayer
Director, Technical University of Munich, Germany

Sitharama Iyengar
Scientist, Florida International University , USA

Ramjee Prasad
Founding Director, Center for TeleInfrastruktur, Denmark

Zuriati Ahmad Zukarnain
Universiti Putra Malaysia, Malaysia

Dharma Rajan
VMware Inc., USA

Monika Pinchas
Head, Ariel University, Israel

Romeo Kienzler
IBM Watson IoT, Switzerland

Mohammed Bawatna
Forschungszentrum Jülich GmbH, Germany

Jason Grant
UX COACH, UK

PAST AFFILIATES

Carlene Campbell
University of Wales Trinity Saint David, UK

Archie Watt
University of Wales Trinity Saint David, UK

Kishwer Abdul Khaliq
University of Bremen, Germany

Ahmad F. Shubita
University of Petra, Jordan

Hossam Hassanein
Queen's University, Canada

Konstantinos N. Voudouris
Higher Colleges of Technology, UAE



Rome Attractions



Glimpses of Wireless Conferences

















Scientific Program

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4th International Conference and Business Expo on

Wireless, Telecommunication & IoT

July 19-20, 2018 | London, UK

UK: Conference Series llc 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 systemss**
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 Aaachen, 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_2 – 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

5th International Conference and Business Expo on

Wireless, Telecommunication & IoT

June 20-21, 2019 Rome, Italy

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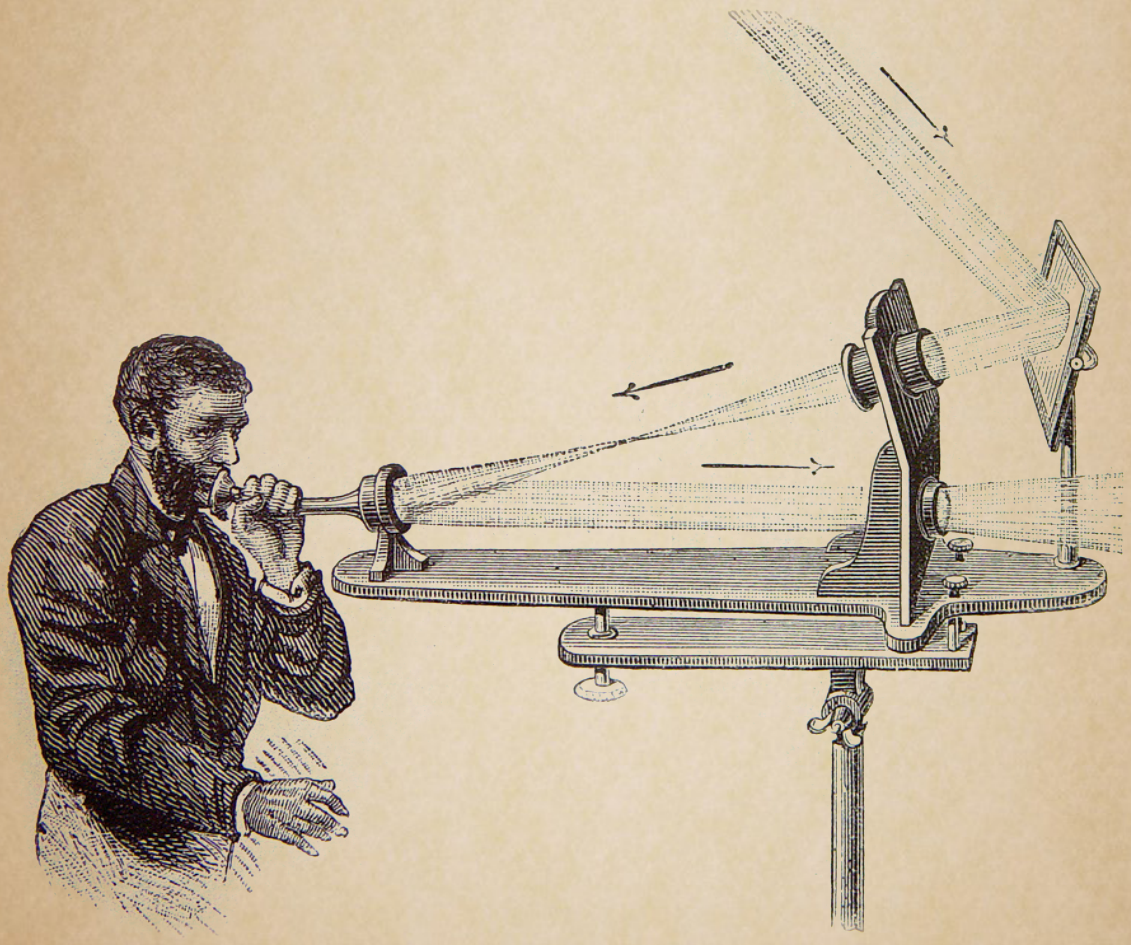
Scientific Program

Proceedings of

3rd International Conference and Business Expo on

WIRELESS AND TELECOMMUNICATION

JULY 20-21, 2017 MUNICH, GERMANY



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Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +1-800-014-8923

Day 1 | July 20, 2017

09:00-10:00 Registrations

Forum 13 + 14

conferenceseries.com **10:00-10:25** **Opening Ceremony**

Keynote Forum

10:25-10:30	**Introduction**
10:30-11:10	**Title: Impact of Brooks-Iyengar Distributed Sensor Network Algorithm for the Next Decade** **Sitharama Iyengar,** Florida International University, USA
	Networking & Refreshment Break 11:10-11:25 @ Foyer Ballsaal
11:25-12:05	**Title: Edge processing and the Internet of Things** **Rudolf Bayer,** Technical University of Munich, Germany **Christian Roth,** Transaction Software GmbH, Germany
12:05-12:45	**Title: Quantum Communication Simulator as a Simulation Tool for Quantum Communication Experiment** **Zuriati Ahmad Zukarnain,** University Putra Malaysia, Malaysia
	Panel Discussion & Group Photo 12:45-13:00
	Lunch Break 13:00-13:45 @ Restaurant Grat3
	Sessions5G and Beyond | Telecommunication | Wireless Communication | Internet of Things (IoT) | Cloud Computing | Big Data | 4G & 3G | Technology for Wireless | Ad Hoc and Sensor Networks | Mobile and Wireless Networks | Broadband and Wifi
	Session Chair:Sitharama Iyengar, Florida International University, USA **Session Co-chair: Mario Marques da Silva,** Universidade Autónoma de Lisboa, Lisbon
	Session Introduction
13:45-14:15	**Title: Efficient use of Cloud Computing for Geospatial Data Processing in the Internet of Things** **Rune Hylsberg Jacobsen,** Aarhus University, Denmark
14:15-14:45	**Title: 5G-Enabled Heterogeneous Vehicular Networks:- Radio and Network Resources Management** **Najib Abdo Nasser Odhah,** IHP, Frankfurt (Oder), Germany
14:45-15:15	**Title: Wide band wireless communications in millimeter waves** **Monika Pinchas,** Ariel University, Israel
15:15-15:45	**Title: PTP Slave Timing Accuracy obtained with the assistant of other PTP slaves in the Network where the PDV is modeled with the Fractional Gaussian Noise** **Yosef Pinhasi,** Ariel University, Israel
	Networking & Refreshment Break 15:45-16:00 @ Foyer Ballsaal
16:00-16:30	**Title: Impluse-based wireless sensor network** **Naoki Wakamiya,** Osaka University, Japan
16:30-17:00	**Title: A survey on minimum spanning tree based topology control schemes in wireless sensor networks** **Xiaochun Wang,** Xi'an Jiaotong University, China
	Panel Discussion

Day 2 | July 21, 2017	
Forum 13 + 14	
Keynote Forum	
09:30-10:10	**Title: How to capture, analyse and react on IoT generated sensor data in real time** **Romeo Kienzler,** IBM Academy of Technology, Switzerland
10:10-10:50	**Title: A novel massive MIMO for 5G systems** **Mario Marques da Silva,** Universidade Autónoma de Lisboa, Portugal
Networking & Refreshment Break 10:50-11:10 @ Foyer Ballsaal	
Workshop Sessions	
11:10-12:20	**Title: Creating Conscious Companies** **Jason Grant,** UX COACH, UK **Diana Mae Fernandez,** UX COACH, UK
Sessions: Wimax | Communications and Signal Processing | Communication in Defence and Aviation | Ethernet, Modem, Router, Wifi Router, Wireless Router & Wifi Booster | Wireless Application Protocol | Internet Services and Applications | Wireless Systems and LANs	
Session Chair: Mario Marques da Silva, Universidade Autónoma de Lisboa, Lisbon **Session Co-chair: David Waite,** inCode Consulting, USA	
Session Introduction	
12:20-12:50	**Title: New Tools for Developing Dependable Wireless Sensor Networks** **Mario Schölzel,** IHP, Germany
Lunch Break 12:50-13:35 @ Restaurant Grat3	
13:35-14:05	**Title: 5G Investment Case** **David Waite,** inCode Consulting, USA
14:05-14:35	**Title: Development of a robust Wireless Underground Sensor Network (WUSN) Supporting Early Warning of Slope Instability in Hillslopes** **Mohammed Bawatna,** University of Duisburg-Essen, Germany
14:35-15:05	**Title: Clinical trials and evaluation of Cardiac Ultrasonography over 4G Wireless Network using a Tele-operated Robot** **Sotiris Avgousti,** Cyprus University of Technology, Cyprus
15:05-15:35	**Title: E-government Readiness: The Current Status of the Arab Countries** **Eltahir F Kabbar,** Higher Colleges of Technology, UAE
Poster Sessions @ Meeting Halls	
Networking & Refreshment Break 15:35-16:00 @ Foyer Ballsaal	
Closing Ceremony	

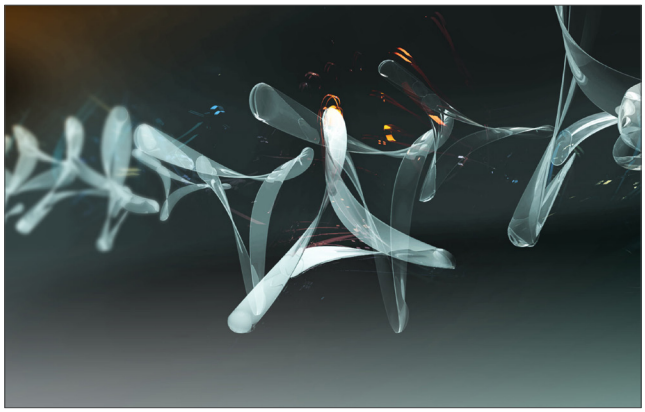
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4th International Conference and Business Expo on

Wireless & Telecommunication

May 28-29, 2018 London, UK

Upcoming Engineering Conferences



4th International Conference and Expo on

Computer Graphics & Animation

September 25-26 at Berlin, Germany

W: computergraphics-animation.conferenceseries.com

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8th International Conference & Exhibition on

Biosensors and Bioelectronics

September 27-28, 2017 Chicago, Illinois USA

W: biosensors.conferenceseries.com

E: biosensors@conferenceseries.net



4th International Conference and Business Expo on

Wireless & Telecommunication

May 28-29, 2018 London, UK

W: wirelesscommunication.conferenceseries.com

E: wirelesscommunication@conferenceseries.net



9th Euro Biosensors and Bioelectronics conference

June 04-05, 2018 London, UK

W: http://biosensors.conferenceseries.com/europe/

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Bookmark your dates

4th International Conference and Business Expo on

Wireless & Telecommunication

May 28-29, 2018 London, UK

Scientific Program

2nd International Conference and Business Expo on

Wireless & Telecommunication

April 21-22, 2016 Dubai, UAE



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Scientific Program

Day 1 April 21, 2016

08:30-09:00 Registrations

Grand Hall A

conferenceseries.com 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 AlMaeeni,** Khalifa University, AbuDhabi, 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

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September 21-23, 2015 Baltimore , USA



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Scientific Program

Day 1 September 21, 2015

09:00-10:00 Registrations

Benjamin Banneker

OMICS International conferenceseries.com

10:00-10:25 **Opening Ceremony**

Keynote Forum

10:25-10:40 **Introduction**

10:40-11:25 **Title: Location technologies in wireless networks**
Norman Shaw, IEEE Standards Association, USA

Coffee Break 11:25-11:45 @ Foyer

11:45-12:30 **Title: Cyber - Physical systems: Reality, dreams, and fantasy**
Magdy A Bayoumi, University of Louisiana, USA

12:30-13:15 **Title: Health risks of wireless communication: What do we know, what can we do now, and what should we find out?**
Devra Davis, Environmental Health Trust, USA

Lunch Break 13:15-14:00 @ Eden's Landing Restaurant

Track 1: Emerging wireless technologies and application
Track 2: Wireless network
Track 5: Mobile communication & global wireless services
Track 6: Cloud computing & its applications in wireless technology
Track 7: Wireless security
Track 8: Wireless device

Chair: Elizabeth Chang, The Universality of New South Wales, Australia
Co-chair: Bo Ai, Beijing Jiaotong Unviersity, China

Session Introduction

14:00-14:35	**Title: Advances in internet of things and cyber physical systems and its application to smart ship**
	Elizabeth Chang, The Universality of New South Wales, Australia
14:35-15:10	**Title: Quality-of-service routing protocol for wireless sensor**
	János Levendovszky, Budapest University of Technology and Economics, Hungary
15:10:15:45	**Title: A Wireless cognitive radio network with a synchronized cooperative relaying**
	Zaid A Shafeeq, Al-Ahliyya Amman University, Jordan

Coffee Break 15:45-16:05 @ Foyer

16:05-16:40	**Title: Device-To-Device (D2D) communication in 5G cellular networks**
	Trung-Dinh Han, Samsung Electronics, Vietnam
16:40-17:15	**Title: Efficient power allocations for multicarrier systems**
	Waleed E Al-Hanafy, Menoufia University, Egypt
17:15-17:50	**Title: Microelectronic sensor for DNA analysis**
	Abu Asaduzzaman, Wichita State University, USA

Panel Discussion

Day 2 September 22, 2015

Benjamin Banneker

Keynote Forum

10.00-10.45 **Title: Dependable Wireless Communications for High-speed Railway**
Bo Ai, Beijing Jiaotong Unviersity, China

10.45-11.30 **Title: Challenges for Cloud Computing to Enable Internet of Things**
Ali Kashif Bashir, Osaka University, Japan

Coffee Break 11:30-11:50 @ Foyer

11:50-12:35	**Title: Green computing and wireless communications engineering sustainability** **Ezendu Ariwa,** University of Bedfordshire, UK
Track 3: Wireless sensors Track 4: Wireless telecommunication Track 9: Wireless personal area networks architecture & protocols for multimedia application Track 10: Wireless green communications Track 11: Wireless management Track 12: Wireless energy transfer	
Chair: Mehdi Shadaram, The University of Texas, USA **Co-chair: Ali Kashif Bashir,** Osaka University, Japan	
	Session Introduction
12.35-13.10	**Title: Photonic generation of millimeter wave signals for wireless applications** **Mehdi Shadaram,** The University of Texas, USA
	Lunch Break 13:10-13:55 @ Eden's Landing Restaurant
13.55-14.30	**Title: MIMO systems and applications** **Mario Marques da Silva,** Autonomous University of Lisbon, Portugal
14.30-15.05	**Title: Location technologies in wireless networks** **Norman Shaw,** IEEE Standards Association, USA
15.05-15.40	**Title: Probabilistic approach to scheduling divisible load on wireless network of processors** **Sameer Bataineh,** Jordan Univesity of Science and Technology, Jordan
	Coffee Break 15:40-16:00 @ Foyer
16.00-16.35	**Title: : Nanomaterials and additive manufacturing for RF, MW and THz devices** **Jing Wang,** University of South Florida, USA
16.35-17.10	**Title: Sustainability models for private or community wireless networks in remote rural areas of developing countries** **Juan A Paco Fernandez,** Catholic University of Peru, Peru
17.10-17.45	**Title: Applications of homomorphic cryptography to the internet of things** **Mohamed M Hamdi,** School of Communication Engineering, Tunisia
Panel Discussion	

Day 3	**September 23, 2015**
Benjamin Banneker	
Chair: Ezendu Ariwa, University of Bedfordshire, UK	
10:00-11.15	Special Session on **Green Technology and Social Enterprise Innovation in Wireless Communication professionalism** by **Ezendu Ariwa,** University of Bedfordshire, UK
	Coffee Break 11.15-11:30 @ Foyer
11.30-12.00	**Title: Reliable broadcasting in heterogeneous wireless networks** **Vamsi Krishna Paruchuri,** University of Central Arkansas, USA
12.00-12:30	**Title: Security threats & counter-measures in cloud computing** **Falalu Abdulrauf,** Zaria Local Government Area, Nigeria
	Lunch Break 12:30-13:00 @ Eden's Landing Restaurant
Panel Discussion	
Closing Ceremony	

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Fax: +1-650-618-1417
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OMICS Publishing Group
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Los Angeles, CA 91362-7354, USA
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Fax: +1-650-618-1414
contact.americas@omicsonline.org

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contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
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