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Tentative Program

4th International Conference and Business Expo on

Wireless, Telecommunication & IoT

July 19-20, 2018 London, UK

Theme: "Journey of Wireless & Telecommunication Technology Towards the Smart World"



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

wireless@enggconferences.com

Program at A Glance

Day 1

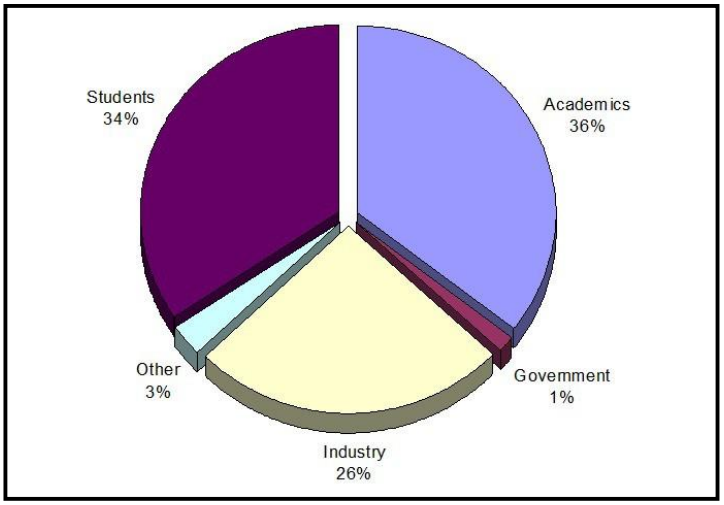
Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk
		09.45-10.15	Keynote/Plenary Talk
		10.15-10.45	Keynote/Plenary Talk
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40		5G and Beyond
Evening Sessions	Lunch Break 12.40-13.30		
	13.30-15.30		Telecommunication & Wireless Communication
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25		Wireless Communication & Workshop

Day 2

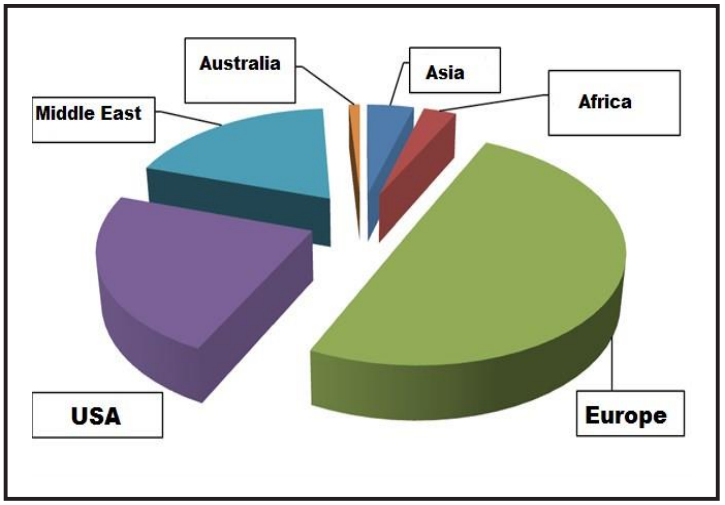
		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		Young Research Forum	Internet of Things (IoT)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		Cloud Computing	Big Data
Evening Sessions	Lunch Break 12.35-13.25			
	13.25-17.05		4G & 3G	Technology for Wireless
	Ad Hoc and Sensor Networks & Mobile and Wireless Networks			
	Awards & Closing Ceremony			

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

Demographical Representation of Wireless, Telecommunication & IoT-2018



Geographical Representation of Wireless, Telecommunication & IoT-2018



Glimpses of Wireless Conferences

























Glimpses of Wireless Conferences

























Renowned Speakers @ Wireless, Telecommunication & IoT-

Internet of Things (IoT) with Satellite Communication Routing - Rudiments to Africa's Advancement, Development and Business Opportunities
Celestine Iwendi, United Kingdom
OPTICAL NETWORK DESIGN FOR 4G LONG TERM EVOLUTION DISTRIBUTION DISTRICT SLEMAN
Rifa Asyari, Indonesia
Collaborative Path Tracing System (CPTS) - A Novel Approach for Detecting Black Hole Attacks in MANET
VADHANA KUMARI S, India
IMPACTS OF DATABSE MANAGEMENT SYSTEM AS A CLOUD SERVICE
MURTALA HASHIMU, Nigeria
Dual band electrically small Microstrip Patch antenna for C band and S band application
Riki Patel, India
Effect of pilot contamination in Massive MIMO system
Tedros Salih Abdu, Kenya
Compressive Sensing for Spread Spectrum Receivers: A Faster and Simpler Approach
FAWAZ A R, India
Regulatory Opportunities and Challenges Relating to Voice Switching Platforms at National Level in the International Voice Hubbing Business
ERMAN BENLi, Turkey
TRAFFIC ANALYSIS OF GSM NETWORK IN SOUTH-SOUTH NIGERIA
Promise Elechi, Nigeria
Metrics and Economies of Complex Telecommunication Networks
Salman Alshehri, Saudi Arabia
Ad hoc Network of Multi-UAV System "FANET": Concepts and Challenges
Musaab Jasim, Turkey
On the Capacity of Massive MIMO Channel with Rayleigh and Rician Fading
Mazhar Ali, China
Optimizing Multiple Services Scheduling in Cloud Computing using Progressive Evolution
Amjad, Canada
Quantum Communication Simulator as a Simulation Tool for Quantum Communication
Zuriati Ahmad Zukarnain, Malaysia
WIRELESS AND MOBILE INFORMATION AND COMMUNICATION TECHNOLOGY
Jerry SARUMI, Nigeria
Regulatory Opportunities and Challenges Relating to Voice Switching Platforms at National Level in the International Voice Hubbing Business
ERMAN BENLi, Turkey
Energy-Efficient Resource Allocation In Heterogeneous Multi-Cloud Radio Access Network
GEZAHEGN ABDISSA BAYESSA, Ethiopia
GaN Power Electronic Solutions For Efficient Wireless Power Transfer
Nikita Hari, United Kingdom
Power Optimization Considerations in Wireless Sensor Networks
Mahesh Patil, India
A Proposed PAPR Reduction Technique for SC-FDMA -Based Cognitive Radio
Hefdhallah Sakran, Yemen
Two Use Case Scenarios for Social Network Analysis: Countermeasure Through Biosurveillance Graphs and Fault Tolerance in Wireless Sensor Networks
Izzet Fatih Senturk, Turkey

Soft computing based energy efficient algorithms for wireless sensor networks
Prasanta K. Jana, India
Trust and Reputation Systems for handling insider Attacks in Wireless Sensor Networks
Nabila LABRAOUI, Algeria
Efficient use of Cloud Computing for Geospatial Data Processing in the Internet of Things
Rune Hylsberg Jacobsen, Denmark
5G-Enabled Heterogeneous Vehicular Networks:- Radio and Network Resources Management
Najib Odhah, Germany
Wide band wireless communications in millimeter waves
Yosef Pinhasi, Israel
Impact of Brooks-Iyengar Distributed Sensor Network Algorithm for the Next Decade
Sitharama Iyengar, United States
PERFORMANCE AND OPTIMIZATION OF HYBRID FSO/RF COMMUNICATION SYSTEM IN VARYING WEATHER
Muhammad Nasir Khan, Pakistan
Use of impedance matching material for promising radar system radiating elements
Andrey Godin, Russian Federation
Performance Analysis on Bayesian Information Criterion in Long Term Evolution
kuok kwee wee, Malaysia
Towards Next-Generation Multi-Radio Ad-Hoc Networking
A. B. M. Alim Al Islam, Bangladesh
Next generation networks – 5G
Kalpak Gude, United States
Impluse-based wireless sensor network
Naoki Wakamiya, Japan
High Performance Computation of the Hybrid MoM/FDTD Code for health hazardous effects due to Mobile Base Station Antenna
Hala Elsadek, Egypt
Signal Processing Algorithms for 5G Wireless Communication
Geetha Priya, India
Urban Intelligence Networks for Smarter Cities
Giandomenico Speezzano, Italy
Clinical trials and evaluation of Cardiac Ultrasonography over 4G Wireless Network using a Tele-operated Robot
Sotiris Avgousti, Cyprus
"LIMIT SETS AND GLOBAL DYNAMIC FOR 2-D DIVERGENCE-FREE VECTOR FIELD"
Habib Marzougui, Tunisia
LTE Improvement Using Cognitive Radio Spectrum Sensing and Adaptive Beamforming Techniques
Ahmed El Naggary, Egypt
PIFA Antenna Design for 4G Wireless Communications
Amin Al Ka'bi, Kuwait
Mutable Trust Scheme Explorations over Infrastructure Based Distributed Heterogeneous Wireless Sensor Networks
VINOD KUMAR VERMA, India
Efficient Cooperative Multicarrier Underwater Acoustic Communication
Abdollah Doosti-Aref, Iran
Development of a robust Wireless Underground Sensor Network (WUSN) Supporting Early Warning of Slope Instability in Hillslopes
Mohammed Bawatna, Germany

Major Scientific Sessions

- 5G and Beyond
- Wireless Communication
- Telecommunication
- Internet of Things (IoT)
- Cloud Computing
- Technology for Wireless
- Ad Hoc and Sensors Networks
- Mobile and Wireless Network
- Satellite Communication
- Space Communications and Navigation
- 3G & 4G
- Big Data

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

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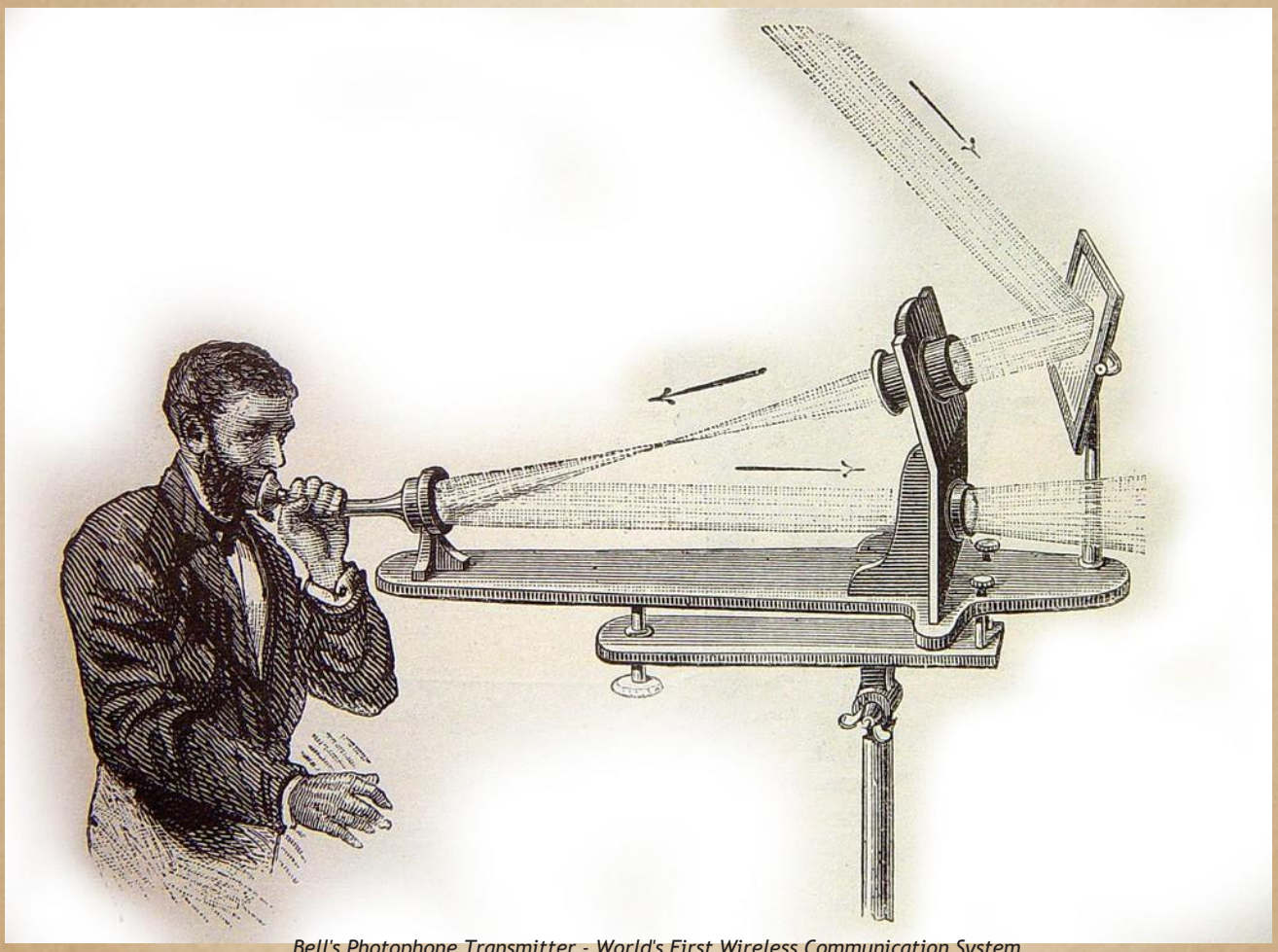
Scientific Program

Proceedings of

3rd International Conference and Business Expo on

WIRELESS AND TELECOMMUNICATION

JULY 20-21, 2017 MUNICH, GERMANY



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Day 1 | July 20, 2017

Registrations

Forum 13 + 14

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Opening Ceremony

Keynote Forum

Introduction

Title: Impact of Brooks-Iyengar Distributed Sensor Network Algorithm for the Next Decade

Sitharama Iyengar, Florida International University, USA

Networking & Refreshment Break

Title: Edge processing and the Internet of Things

Rudolf Bayer, Technical University of Munich, Germany

Christian Roth, Transaction Software GmbH, Germany

Title: Quantum Communication Simulator as a Simulation Tool for Quantum Communication Experiment

Zuriati Ahmad Zukarnain, University Putra Malaysia, Malaysia

Panel Discussion & Group Photo

Lunch Break

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

Title: Efficient use of Cloud Computing for Geospatial Data Processing in the Internet of Things

Rune Hylsberg Jacobsen, Aarhus University, Denmark

Title: 5G-Enabled Heterogeneous Vehicular Networks:- Radio and Network Resources Management

Najib Abdo Nasser Odhah, IHP, Frankfurt (Oder), Germany

Title: Wide band wireless communications in millimeter waves

Monika Pinchas, Ariel University, Israel

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

Title: Impluse-based wireless sensor network

Naoki Wakamiya, Osaka University, Japan

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

Title: How to capture, analyse and react on IoT generated sensor data in real time

Romeo Kienzler, IBM Academy of Technology, Switzerland

Title: A novel massive MIMO for 5G systems

Mario Marques da Silva, Universidade Autónoma de Lisboa, Portugal

Networking & Refreshment Break

Workshop Sessions

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

Title: New Tools for Developing Dependable Wireless Sensor Networks
Mario Schölzel, IHP, Germany

Lunch Break

Title: 5G Investment Case
David Waite, inCode Consulting, USA
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
Title: Clinical trials and evaluation of Cardiac Ultrasonography over 4G Wireless Network using a Tele-operated Robot
Sotiris Avgousti, Cyprus University of Technology, Cyprus
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

Closing Ceremony

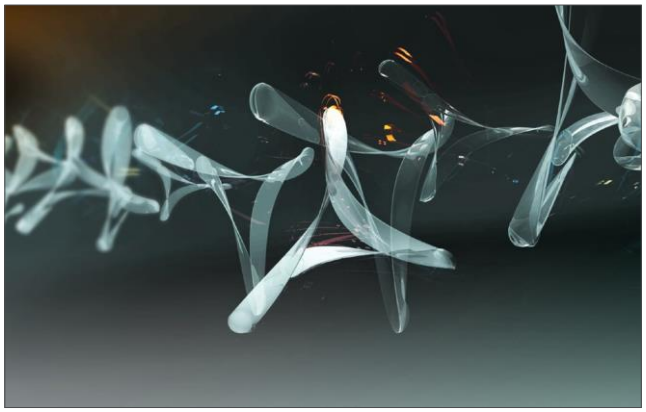
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4th International Conference and Business Expo on

Wireless & Telecommunication

July 19-20, 2018 London, UK

Upcoming Engineering Conferences



4th International Conference and Expo on
Computer Graphics & Animation
September 25-26 at Berlin, Germany
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8th International Conference & Exhibition on
Biosensors and Bioelectronics
September 27-28, 2017 Chicago, Illinois USA
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4th International Conference and Business Expo on
Wireless & Telecommunication
July 19-20, 2018 London, UK
W: wireless@enggconferences.com
E: wirelesscommunication@annualconferences.org



9th Euro Biosensors and Bioelectronics conference
June 04-05, 2018 London, UK
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E: eurobiosensors@conferenceseries.net

Bookmark your dates

4th International Conference and Business Expo on

Wireless & Telecommunication

July 19-20, 2018 London, UK

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Scientific Program

Day 1 September 21, 2015

Registrations

Benjamin Banneker

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Opening Ceremony

Keynote Forum

Introduction

Title: Location technologies in wireless networks
Norman Shaw, IEEE Standards Association, USA

Coffee Break @ Foyer

Title: Cyber - Physical systems: Reality, dreams, and fantasy
Magdy A Bayoumi, University of Louisiana, USA

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 @ 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

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
Title: Quality-of-service routing protocol for wireless sensor
János Levendovszky, Budapest University of Technology and Economics, Hungary
Title: A Wireless cognitive radio network with a synchronized cooperative relaying
Zaid A Shafeeq, Al-Ahliyya Amman University, Jordan

Coffee Break @ Foyer

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

Panel Discussion

Day 2 September 22, 2015

Benjamin Banneker

Keynote Forum

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

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

Coffee Break @ Foyer

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

Title: Photonic generation of millimeter wave signals for wireless applications
Mehdi Shadaram, The University of Texas, USA

Lunch Break @ Eden's Landing Restaurant

Title: MIMO systems and applications
Mario Marques da Silva, Autonomous University of Lisbon, Portugal
Title: Location technologies in wireless networks
Norman Shaw, IEEE Standards Association, USA
Title: Probabilistic approach to scheduling divisible load on wireless network of processors
Sameer Bataineh, Jordan Univesity of Science and Technology, Jordan

Coffee Break @ Foyer

Title: : Nanomaterials and additive manufacturing for RF, MW and THz devices
Jing Wang, University of South Florida, USA
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
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

Special Session on **Green Technology and Social Enterprise Innovation in Wireless Communication professionalism** by **Ezendu Ariwa,** University of Bedfordshire, UK

Coffee Break @ Foyer

Title: Reliable broadcasting in heterogeneous wireless networks
Vamsi Krishna Paruchuri, University of Central Arkansas, USA
Title: Security threats & counter-measures in cloud computing
Falalu Abdulrauf, Zaria Local Government Area, Nigeria

Lunch Break @ Eden's Landing Restaurant

Panel Discussion

Closing Ceremony

Bookmark your dates

2nd International conference and Business expo on

Wireless and Telecommunication

April 21-22, 2016 Dubai, UAE

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Scientific Program

Day 1 April 21, 2016

Registrations

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Opening Ceremony

Introduction

Title: Network function virtualization deployment in production – models and solution architecture

Dharma Rajan, VMware Inc., USA

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

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

Elizabeth Chang, Australian Defense, AUS

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

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

Konstantinos N. Voudouris, Higher Colleges of Technology, UAE

Title: Dynamic power adjustment for reducing identification time in RFID systems

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

Lunch Break

Title: Hybrid fusion receiving system to improve spectrum monitoring efficiency

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

Title: Wireless sensor networks for monitoring coastal erosion

Carlene Campbell, University of Wales Trinity Saint David, UK

Title: MIMO techniques for 5G wireless networks

Huan X. Nguyen, Middlesex University, UK

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

Adel Ben Mnaouer, Canadian University Dubai, UAE

Title: Wireless sensor networks and its applications in surveillance

Khelifa Benahmed, University of Tahri Mohammed, Bechar-Algeria

Coffee Break

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

Daniel Prior, UNSW Canberra, AUS

Title: Mechanism for securing IEEE 802.11s routing protocols

Yesica Imelda Saavedra Benitez, The National Institute of Technology, Mexico

Title: Network enabled feature search on distributed servers around the world for human identification in video sequences

Vijayan K Asari, University of Dayton, USA

Title: GForces' NetDirector Footfall

Sendos Mohamad, GForces, UAE

Day 2 April 22, 2016

Grand Hall A

Keynote Forum

University of Dayton, USA

, Rashid Hospital, UAE

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

Title: A MIMO optimization for physical layer security

Mario Marques da Silva, Universidade Autónoma de Lisboa, Portugal

Title: OULU 5G test network – Rationale, structure and rollout

Ari Pouttu, University of Oulu, Finland

Coffee Break

Title: Wireless Friendly and Energy Efficient Buildings (WiFEEB)

Hasim Altan, British University in Dubai, UAE

Title: Bridging the Gap: Differential modulation in cooperative communications

Sara AlMaeeni, Khalifa University, AbuDhabi, UAE

Title: Modeling and optimizing mechanical properties of FSW thick pure copper plates utilizing Artificial Intelligent techniques

Aydin Azizi, University of Technology in Oman

Title: Using 3D virtual environment as an educational tool in a Middle Eastern University

Ahmad F Shubita, University of Petra, Jordan

Lunch Break

Title: Efficient distributed localization algorithm for ownership identification of reindeer calf using wireless sensor networks

Gemma Morral Adell, Tromso University, Norway

Title: Internet of Things (IoT) and its application in oil industry

Jahangir Dadkhah Chimeh, Telecommunication Research center, Iran

Title: Comparison of submerged and floating wireless sensor networks for monitoring underwater sediment transport

Archie Watt, University of Wales Trinity Saint David, UK

Title: Ultralow power wireless transceivers for IoT

Mihai Sanduleanu, Masdar Institute of Science and Technology, UAE

Coffee Break

Poster Presentations 16:10-17:10

Title: Integrated broadband power line and visible light communication (VLC) system using OFDM and Turbo code

Nader Nassar, University of Wollongong, Dubai

Title: Efficient distributed localization algorithm for ownership identification of reindeer calf using wireless

Samavia Rizwan, University of Wollongong, Dubai

Title: Low-complexity channel estimation in massive MIMO wireless communication systems

Yassine El Mouden, University of Wollongong, Dubai

Title: Comparison of different modulation techniques in a VLC environment

Luke McShine, University of Wollongong, Dubai

Title: Biomedical sensing data transmission using VLC systems

Ilyass Elataoui, University of Wollongong, Dubai

Title: Dimming control in visible light communication

Afrah Ali, University of Wollongong, Dubai

Title: Underwater communication system for divers using

Ayesha Adnan, University of Wollongong, Dubai

Title: An adaptive FIR filter for a high speed VLC system

Nour El Sayed, University of Wollongong, Dubai

Title: GraceWarn mobile application

Amro Mosaad, Canadian University Dubai, UAE

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

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4th International Conference and Business Expo on

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July 19-20, 2018 London, UK