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# Tentative Program

3rd Global Summit and Expo on

# Multimedia & Artificial Intelligence

July 20-21, 2017 Lisbon, Portugal

*Theme: "To enhance an multidisciplinary perspective of Multimedia & Artificial Intelligence technologies"*



## **For Available Speaker Slots**

multimedia@confernceseries.net

19+ Interactive Sessions

15+ Keynote Lectures

75+ Plenary Lectures

5+ Workshops


**Conference Secretariat**

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

Tel: +1-702-508-5200 Ext: 8047, Fax: +1-650-618-1417, Ph: +1-650-268-9744, Toll free: +1-800-216-6499

Email: multimedia@confernceseries.net | multimedia@conferenceseries.com


*http://multimedia.global-summit.com//*

3rd Global Summit and Expo on

# Multimedia & Artificial Intelligence

July 20-21, 2017 Lisbon, Portugal

## 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 1 |
| | | 09.45-10.15 | Keynote/Plenary Talk 2 |
| | | 10.15-10.45 | Keynote/Plenary Talk 3 |
| | Panel Discussions/Group Photo | | |
| | **Coffee/Tea Break 10.45-11.00 (Networking)** | | |
| | 11.00-12.40 | Virtual Reality\| Animation and Simulations\| Computer Games Design & Development\| Computer Graphics & Applications\| Image Processing\| | |
| | **Lunch Break 12.40-13.30** | | |
| | 13.30-15.30 | Computer Vision & Pattern Recognition \| Visualization & Human Computer Interaction \| 3D analysis, representation and printing | |
| | **Coffee/Tea Break 15.30-15.45 (Networking)** | | |
| | 15.45-17.25 | Workshop | |

### Day 2

| | | | | |
|---|---|---|---|---|
| Morning Sessions | | Time | Session 1 | Session 2 |
| | 09.00-10.40 | | Keynote Forum | Artificial Intelligence & Machine Learning \| Multimedia communications and networking \| Multimedia applications and services |
| | **Coffee/Tea Break 10.40-10.55 (Networking)** | | | |
| | 10.55-12.35 | | 5 Speakers (20 Mins Each) | Multimedia Content Analysis \| Mobile Multimedia \| Audio, Video, Speech & Signal Processing |
| | **Lunch Break 12.35-13.25** | | | |
| Evening Sessions | 13.25-15.05 | | 5 Speakers (20 Mins Each) | Multimedia & Artificial Intelligence Industry |
| | **Coffee/Tea Break 15.05-15.20 (Networking)** | | | |
| | 15.20-17.00 | | 5 Speakers (20 Mins Each) | Multimedia in Healthcare |

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

**For more Details PS: http://multimedia.global-summit.com/**
**multimedia@conferenceseries.net | multimedia@conferenceseries.com**

# Glimpses of Multimedia Conferences




















# Glimpses of Multimedia Conferences




































# Major Scientific Sessions

- Virtual Reality
- Animation and Simulations
- Computer Games Design & Development
- Computer Graphics & Applications
- Artificial Intelligence
- Image Processing
- Computer Vision & Pattern Recognition
- Visualization
- 3D analysis, representation and printing
- Multimedia communications and networking
- Multimedia applications and services
- Multimedia Industry
- Multimedia Content Analysis
- Mobile Multimedia
- Audio, Video, Speech & Signal Processing
- Human Computer Interaction
- Multimedia & Artificial Intelligence in Healthcare

## 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

General Queries
**multimedia@conferenceseries.com**

## Conference Venue

Lisbon, Portugal


**Contact us**
**America: Conference Series LLC**
**Multimedia 2017**
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
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# Best Tourist Destinations in Lisbon



Belel Tower



Padrão dos Descobrimentos



Jeronimos monastery



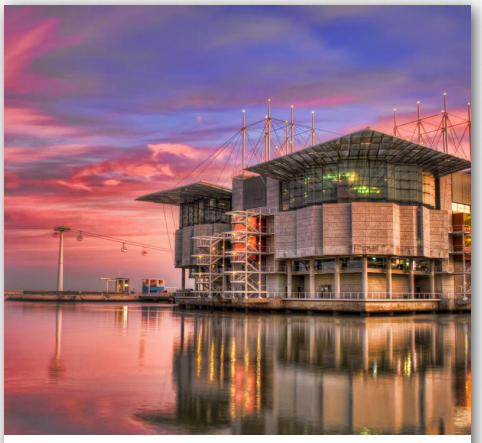
Castelo de São Jorge



Rossio Square



Praca do Comercio



Lisbon Oceanarium



Carmo Convent



Miradouro Da Graca

# About Lisbon

Lisbon is the capital and the biggest city of Portugal. Lisbon is identified as a global city because of its importance in finance, commerce, media, entertainment, arts, international trade, education and tourism. Lisbon has the largest and most advanced mass media sector of Portugal, and it is the home to several companies ranging from leading television networks and radio stations to major newspapers. The research work going on in the field is in a good range when compared to the other cities. Lisbon is the fastest growing city in the Portugal with an excellent economic growth.

About 61 percent of R&D spending goes to the very pronounced publicly funded and university research landscape. Industry receives about a 27-percent share. Lisbon is unique in that science as a resource is available to industrial companies in a highly compact manner and offers companies excellent cooperation opportunities. Lisbon is Portugal's top tourist city destination. It is a great city to visit, mixing venues of historical interest with exciting recreation and entertainment opportunities. Alongside its major historical sites, Lisbon offers a diverse range of top attractions – world famous buildings, museums, city parks, cabaret theatres, festivals and of course plenty of shopping opportunities. Multimedia 2017 Conference at Lisbon will certainly give a wonderful experience to attendees to explore the beautiful city with gaining knowledge.



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*Scientific program*

Global Summit and Expo on

# MULTIMEDIA & APPLICATIONS

**August 10-11, 2015 Birmingham, UK**




**Conference Series LLC Conferences**

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

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

Toll free: +1-800-216-6499, Email: **multimedia@omicsgroup.com**

# Scientific Program

**Day 1** **August 10, 2015**

**Registrations**

**Salis-Well**

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## Opening Ceremony

## Keynote Forum

### Introduction

### Vijayan K Asari
**University of Dayton, USA**

### Robert S Laramee
**Swansea University, UK**

**Coffee Break @Salis-Well**

**Group Photo**

**Track 1: Multimedia Systems and Applications**
**Track 4: Multimedia Signal Processing**
**Track 5: Content Analysis and Processing**
**Track 7: Multimedia Communications**

**Session Chair: Robert S Laramee, Swansea University, UK**
**Session Co-Chair: Imed Romdhani, Edinburgh Napier University, UK**

**Session Introduction**

**Title: Wide area surveillance: Situational awareness for security automation**
**Vijayan K Asari,** University of Dayton, USA
**Title: Knowledge-Assisted Ranking: A visual analytic application for multimedia sport event data**
**Robert S Laramee,** Swansea University, UK
**Title: Copyright requirements in the 3D printing industry**
**Jongweon Kim,** Sangmyung University, Korea

**Lunch Break @Salis-Well**

**Title: Multimedia information system security**
**Wasan Mehdi,** University of Bedfordshire, UK
**Title: IP multicast communication in the Internet of things**
**Imed Romdhani,** Edinburgh Napier University, UK
**Title: The impact of Mobile Learning Game Engine (MLGE) in education**
**Wong Seng Yue,** Taylor's University LakeSide Campus, Malaysia
**Title: Computational audio analysis for music and health informatics**
**Shyamala Doraisamy,** University Putra Malaysia, Malaysia

**Coffee Break @Salis-Well**

**Title: Research challenges for immersive video communication ecosystems over future internet**
**Tasos Dagiuklas,** Hellenic Open University, Greece
**Title: Emerging technologies for multimedia networks**
**Tsang-Ling Sheu,** National Sun Yat-sen University,Taiwan
**Title: Massive multimedia crowd sourced environment for big data capturing, processing, storing and visualization**
**Mohamed Abdur Rahman,** Umm Al-Qura University, KSA
**Title: Performance evaluation of hybrid Wi-MAX WI-FI video surveillance systems**
**Smart C Lubobya,** University of Cape Town, South Africa

**Panel Discussion**

## Salis-Well

# Keynote Forum

## Introduction

## Jongweon Kim

**Sangmyung University, Korea**

## Tsang-Ling Sheu

**National Sun Yat-sen University, Taiwan**

**Coffee Break @Salis-Well**

**Track 2: Multimedia Search and Retrieval**
**Track 4: Multimedia Systems and Applications**
**Track 6: Music, Speech and Audio Processing in Multimedia**
**Track 9: Multimedia Networking**
**Track 10: Advances in Multimedia Technology**

**Session Chair: Mohamed Abdur Rahman,** Umm Al-Qura University, KSA
**Session Co-Chair: Alex Lopes Pereira,** Technological Institute of Aeronautics, Brazil

**Session Introduction**

**Title: Audio content analysis in the presence of overlapped classes: A non-exclusive segmentation approach to mitigate information losses**
**Duraid Y. Mohammed,** University of Salford, UK
**Title: Transforming the adoption of product-service systems through innovations in applied gaming technologies**
**Panagiotis Petridis,** Aston University, UK
**Title: An ARQ retransmission scheme for real-time video multicasting over mobile communication networks**
**Tsang-Ling Sheu,** National Sun Yat-sen University, Taiwan

**Lunch Break @Salis-Well**

**Title: An opportunistic cooperative MAC protocol for cognitive vehicular networks**
**Zi-Tsan Chou,** National Sun Yat-sen University, Taiwan
**Title: Multimedia big data environment for e-therapy**
**Mohamed Abdur Rahman,** Umm Al-Qura University, Kingdom of Saudi Arabia
**Title: Patch-based local histograms and contour estimation for static foreground classification**
**Alex Lopes Pereira,** Technological Institute of Aeronautics, Brazil
**Title: Inhomogeneous wireless network load distribution**
**Kuang-Hui Chi,** National Yunlin University of Science and Technology, Taiwan
**Title: QKD communication protocol for authentication mechanism of cloud network**
**Zuriati Ahmad Zukarnain,** University Putra Malaysia, Malaysia
**Title: Multimedia communication: Its implications on general education**
**Ogunlade Benjamin Ande,** Ladoke Akintola University of Technology, Nigeria

**Coffee Break & Poster presentations**

**Award Ceremony**

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613th Conference

*Scientific Program*

Proceedings of

2nd Global Summit and Expo on

# MULTIMEDIA & APPLICATIONS

August 15-16, 2016 London, UK




**Hosting Organization:** Conference Series LLC

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

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Toll free: +1-800-216-6499

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Heathrow Stockley Park Lakeside House, 1 Furzeground Way,

Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: multimedia@conferenceseries.net,

multimedia@conferenceseries.com

# Scientific Program

## Day 1 August 15, 2016

**Registrations**

**Madison**

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## Opening Ceremony

### Keynote Forum

**Introduction**

**Title: Digital fonts and reading**

**Ching Y Suen,** Concordia University, Canada

**Title: Art and multimedia**

**Yoichiro Kawaguchi,** University of Tokyo, Japan

Networking and Refreshments:

**Title: Animation: The reality of emotion**

**Jamie Denham,** Sliced Bread Animation, UK

Session: Imaging and Image processing | Multimedia in Computer Games | Mobile Multimedia | Multimedia Tools and Applications | Multimedia Signal Processing

Session Introduction

**Session Chair: Vijayan K Asari,** University of Dayton, USA

**Session Co-Chair: Margrit Gelautz,** Vienna University of Technology, Austria

**Title: Dynamic simulation and effects in animation and computer game**

**David Xu,** Regent University, USA

**Title: Algorithms for 3D film content generation and post-processing**

**Margrit Gelautz,** Vienna University of Technology, Austria

Lunch:

**Title: On the fast impulsive noise removal in color digital images**

**Bogdan Smolka,** Silesian University of Technology, Poland

**Title: Flow as you've never seen it**

**Robert S Laramee,** Swansea University, UK

**Title: Real-time correction of panoramic images using hyperbolic Möbius transformations**

**Leonardo Sacht,** Federal University of Santa Catarina, Brazil

**Title: Homographic p-norms: Metrics of homographic image transformation**

**Changsoo Je,** Sogang University, Korea

**Title: The complexity model of communication with computer images**

**Toshie Takahashi,** Waseda University, Japan

**Title: Gradient domain image denoising**

**Xiaobo Zhang,** Xianyang Normal University, China

Networking and Refreshments

**Title: Approximation of feature pyramids in the transform domain for object detection**

**Mohamed A Naiel,** Concordia University, Canada

**Title: Efficient video compression techniques**

**Ahmad A Mazhar,** Saudi Electronic University College of Computing and Informatics, KSA

**Title: Fuzzy PID control method for outer loop voltage of bidirectional DC-DC Converter**

**Guangya Liu,** Hubei University of Technology, China

### Panel Discussion

## Day 2 August 16, 2016

**Madison**

### Keynote Forum

**Introduction**

**Title: A nonlinear manifold learning strategy for robust face recognition**

**Vijayan K Asari,** University of Dayton, USA

**Title: Visual analytics for big video data**

**Robert S Laramee,** Swansea University, UK

Networking and Refreshments

Session: **Computer Vision | Multimedia Health Computation and its Applications | Multimedia Systems and Applications | Human-Computer Interaction | Multimedia Content Analysis**

Session Introduction

**Session Chair: Ghyslain Gagnon,** Ecole de Technologie Supérieure, Canada
**Session Co-Chair: Changsoo Je,** Sogang University, Korea

**Title: Robust multiple-instance learning ensembles using random subspace instance selection**
**Ghyslain Gagnon,** Ecole de Technologie Supérieure, Canada
**Title: Automatic object recognition and tracking in complex environmental conditions**
**Vijayan K Asari,** University of Dayton, USA
**Title: Cultural comparison for the action of looking at a mobile phone display focusing on independent/interdependent self**
**Takashi Nakamura,** Niigata University, Japan
**Title: Complex event detection via bank based multimedia representation**
**Changyu Liu,** South China Agricultural University, China

Lunch

**Title: Fast motion estimation for HEVC on graphics processing unit (GPU)**
**Dongkyu Lee,** Kwangwoon University, Korea
**Title: BrightHearts - the development and evaluation of an application for training children in the use of biofeedback assisted relaxation for the management of pain and anxiety**
**Angie Morrow,** Kids Rehab- The Children's Hospital at Westmead, Australia
**Title: Mobile network computer should be the terminal of mobile communication network in multimedia age**
**Zhaoming Guo,** Beijing Institute of Technology, China
**Title: The global performance evaluation for local descriptors**
**Xintao Ding and Yonglong Luo,** Anhui Normal University, China

Networking and Refreshments

**Title: Visualization techniques for crowd simulation**
**Leonel Antonio Toledo Díaz,** Instituto Teconologico de Estudios Superiores de Monterrey, México
**Title: Approach for microposts retrieval in microblogging platforms based on Semantic Web technologies and social network analysis**
**El Habib Nfaoui,** Sidi Mohamed Ben Abdellah University, Morocco
**Title: A cognitive multimedia environment and its importance: A conceptual model for effective learning and development**
**Yolanda Mafikeni,** Hartland Training & Development Centre, South Africa

**Panel Discussion**

Award Ceremony & Certificate Distribution


## Bookmark Your Dates

3rd Global Summit and Expo on

# Multimedia & Applications

July 20-21, 2017 Lisbon, Portugal

Website: www.multimedia.global-summit.com



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Australia: +1-800-651-097
Europe: 0805-080048

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801st Conference

3rd International Conference on

# Computer Graphics & Animation

November 07-09, 2016 Las Vegas, USA

## Scientific Program

## Day 1 November 07, 2016

Registrations

Riviera

conferenceseries.com

# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: Why the VR you see now is not the real VR**
**Michael Zyda,** USC GamePipe Laboratory, USA

Refreshment Break @ Atrium

**Title: Playful and artistic smart material interfaces**
**Anton Nijholt,** University of Twente, Netherlands

**Title: From the world's first computer art to Star Trek's Holodeck**
**Newton Lee,** ACM Computers in Entertainment, USA

## Session: Computer Graphics and Animation

**Session Chair: Matthew Johnson,** University of South Alabama, USA
**Session Co-chair: Lauren Carr,** Montclair State University, USA

Session Introduction

**Title: Engaging students while encouraging focus, and time management in the computer arts classroom**
**Matthew Johnson,** University of South Alabama, USA

Lunch Break @ Atrium

**Title: The synthesis of 3D software in fine art**
**Lauren Carr,** Montclair State University, USA
**Title: Enhancing the dimensional accuracy of a low-cost 3D printer**
**Paolo Minetola,** Polytechnic University of Turin, Italy
**Title: Cyber performances, technical and artistic collaboration across Internet**
**Jiri Navrátil,** CESNET, Czech Republic
**Title: Crowd simulation: Overview and applications.**
**Leonel Antonio Toledo Díaz,** Monterrey Institute of Technology and Higher Education, Mexico

Refreshment Break @ Atrium

**Title: Designing backwards: Rethinking complex issues in animation**
**Farley J Chery,** Worcester Polytechnic Institute, USA
**Title: The most important steps and secrets in character creation**
**Dmitry Gaborak,** Insomniac Games, USA

Panel Discussion

## Day 2 November 08, 2016

Riviera

## Keynote Forum

**Title: The future of media**
**Susan Johnston,** New Media Film Festival, USA

Refreshment Break @ Atrium

**Title: Support Human-computer interaction to enhance computational engineering design**
**Timoleon Kipouros,** Cambridge University, UK

## Session: Computer Graphics and Animation

**Session Chair: Boaventura I A G,** Sao Paulo State University, Brazil
**Session Co-Chair: Ramazan S Aygun,** University of Alabama in Huntsville, USA

**Session Introduction**

**Title: Query-by-Gaming: Interactive spatio-temporal querying and retrieval using gaming controller**
**Ramazan S Aygun,** University of Alabama in Huntsville, USA
**Title: Texture recognition using a multi-scale local mapped pattern**
**Boaventura I A G,** Sao Paulo State University, Brazil

**Lunch Break @ Atrium**

**Title: Preserving the collective memory and re-creating identity through animation**
**Inma Carpe,** VIA University College, Denmark
**Title: Sketch-to-Box: A new character modelling technique**
**Ismail Khalid Kazmi,** Bournemouth University, UK
**Title: From print design to virtual reality**
**Linh Dao,** University of Texas at Arlington, USA

**Refreshment Break @ Atrium**

**Title: Scanned human body model realistic pose deformation**
**Shuaiyin Zhu,** The Hong Kong Polytechnic University, Hong Kong
**Title: A part-detection based and CRFs embedded deep neural network for human parsing**
**Yanghong Zhou,** The Hong Kong Polytechnic University, Hong Kong

**Poster Presentations**

CGA-01
**Title: Machine learning in videogames**
**Esteban Gil Martínez,** Monterrey Institute of Technology and Higher Education, México

CGA-02
**Title: Use of sprites for 3D enviroments and actor´s simulation**
**Yamile Zahoul,** Monterrey Institute of Technology and Higher Education, México

CGA-03
**Title: Virtual Reality as a means for storytelling in animation and its practical uses in therapeutic medicine**
**Marlene Palafox Bello,** Monterrey Institute of Technology and Higher Education, México

## Day 3 November 09, 2016

## Riviera

**Session: Computer Graphics and Animation**

**Title: Nested Cages**
**Leonardo Sacht,** Federal University of Santa Catarina, Brazil
**Title: On some possibilities of studing characteristics of periodic signals based on cluster analysis**
**V Znak,** The Institute of Computational Mathematics and Mathematical Geophysics, Russia
**Title: Image based rendering - A walkthrough**
**Vishal Verma,** MLN College, India

**Refreshment Break @ Atrium**

**Title: Representing 3D binary objects by means of relative chain codes**
**Hermilo Sánchez-Cruz,** Autonomous University of Aguascalientes, México
**Title: Web design for school management system in Ethiopia**
**Yonas Abebaw,** PLC company, Ethiopia

**Networking & Closing Ceremony**

**Lunch Break @ Atrium**

# 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

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

# Scientific Program

## Day 1 April 21, 2016

**Registrations**

Grand Hall A

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## Opening Ceremony

## Keynote Forum

**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

**Title: Automatic pipeline threat detection by aerial surveillance**

**Vijayan K Asari,** University of Dayton, USA

**Title: Well-iris is a new wellness program**

**Issa SALIM,** Rashid Hospital, UAE

**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**

**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**

**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**

# Bookmark your dates

## 3rd International Conference and Business Expo on

# Wireless & Telecommunication

**Dec 08-09, 2016 Dubai, UAE**

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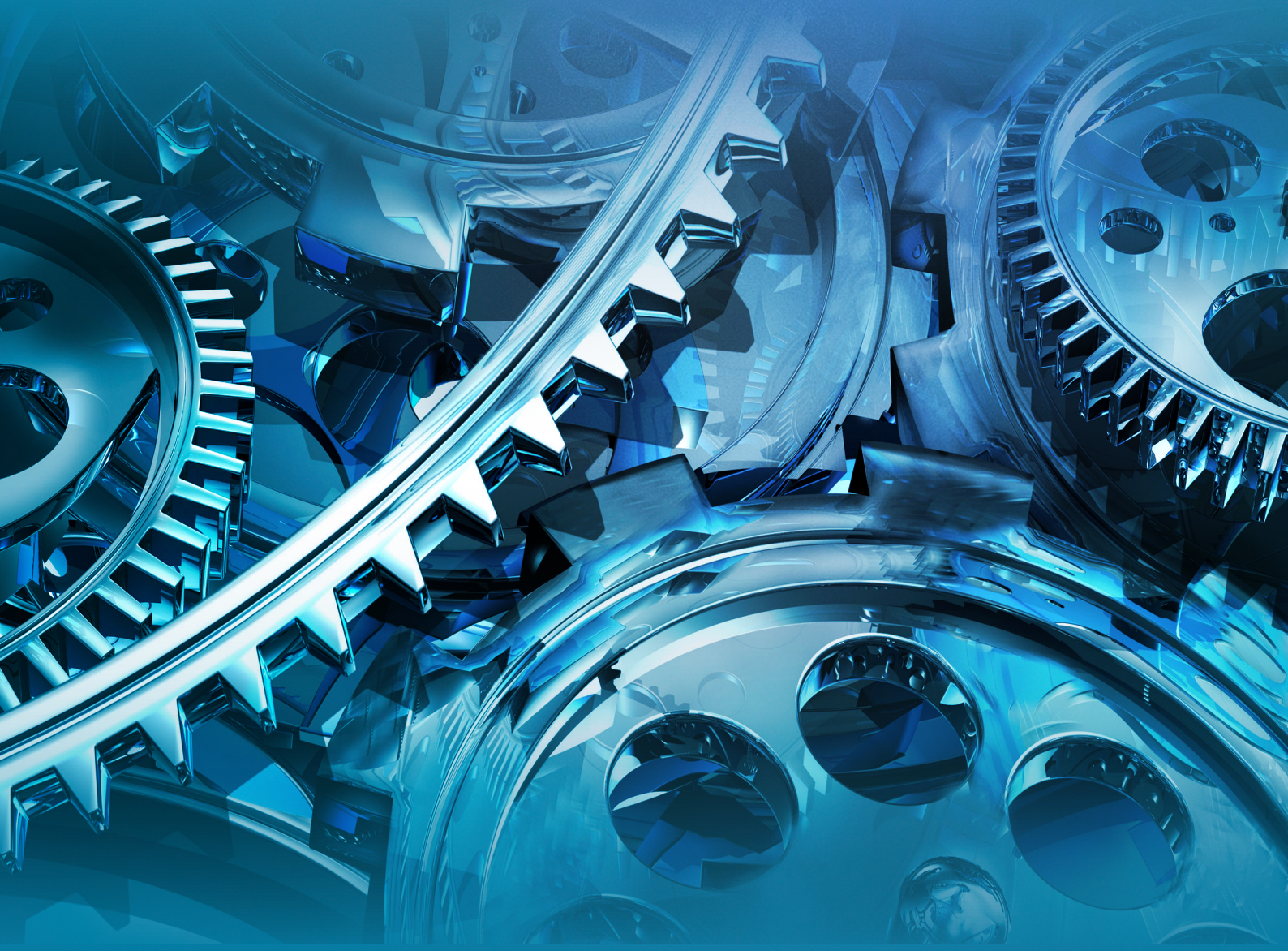
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*Scientific Program*

2nd World Congress on

# Automation and Robotics

June 13-15, 2016 Philadelphia, USA



**Hosting Organization: Conference Series LLC**

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA **Ph:** +1-702-508-5200 Ext: 8047, **Toll free:** +1-800-216-6499

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# Scientific Program

**Day 1** **June 13, 2016**

**Registrations**

## Independence B

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## Opening Ceremony

### Keynote Forum

**Introduction**

**Title: The Secure Manufacturing IT System**

**Eduard Babulak,** The Institute of Technology and Business in Ceske Budejovice, Czech Republic

**Networking & Refreshments:**

**Title: Visual Servo Control of Robotic Systems: Applications and Challenges**

**Farrokh Janabi-Sharifi,** Ryerson University, Canada

**Title: Virtual engineering and commissioning of automation systems – a way to handle complexity**

**Petter Falkman,** Chalmers University of Technology, Sweden

### Panel Discussion

**Track 1: Industrial Automation**

**Track 2: Automation Tools and Technologies**

**Track 3: Control and Mechatronic Systems**

**Track 5: Manufacturing Automation**

**Session Chair: Petter Falkman,** Chalmers University of Technology, Sweden

**Session Co-Chair: Asim ur Rehman Khan,** National University of Computer & Emerging Sciences, Pakistan

**Session Introduction**

**Title: Optimizing Multimodal Interfaces for Speech Systems in the Automobile**
**Lisa Falkson,** CloudCar, USA
**Title: AmeriGas - Rethinking the status quo - Addressing safety, ergonomics, and productivity through integrated automation**
**John Carey,** Avanceon – Exton, USA

**Lunch Break**

**Title: Knowledge is the greatest obstacle to development and innovation**
**Jerry Vinther,** Lillebaelt Academy University of Applied Sciences, Denmark
**Title: Predictive controller design using ANOVA**
**Asim ur Rehman Khan,** National University of Computer & Emerging Sciences, Pakistan
**Title: Futuristic Computing, Automation and Robotics and its Impact on Society Today and Tomorrow**
**Eduard Babulak,** The Institute of Technology and Business in Ceske Budejovice, Czech Republic

**Networking & Refreshments**

**Title: CyberFLEX – Robot based product flexible Cyber Physical EOL test systems**
**Herbert Pichlik ,** SYSTEC GmbH, Germany
**Title: Predictable Manufacturing using 21st Century Technology**
**Robert J. Axtman,** Visual Components North America, USA

**Panel Discussion**

**Day 2** **June 14, 2016**

## Independence B

### Keynote Forum

**Introduction**

**Title: The Art of Smart – assessing the appropriate levels of intelligence in automation systems**
**James P Gunderson,** Gunder Fish LLC, USA

**Networking & Refreshments**

**Title: Edge Detection of Moving Objects in the Highly Corrupted Image Sequence**
**Asim ur Rehman Khan,** National University of Computer & Emerging Sciences, Pakistan

### Panel Discussion

**Track 4: Robotics and Applications**
**Track 6: Internet of Things**
**Track 7: Process and Energy Automation**
**Track 8: Security in Manufacturing Industries**

**Session Chair: Tariq Tashtoush,** Texas A&M International University, USA

**Session Co-Chair: Hamid Marvi,** Arizona State University, USA

**Session Introduction**

**Title: Human-Robot Interactions**
**Tariq Tashtoush,** Texas A&M International University, USA
**Title: Snakes and Geckos on a Complex Plane**
**Hamid Marvi,** Arizona State University, USA
**Title: Understanding Human Robot Collaboration in Flexible and Reconfigurable Industrial Environments**
**Philip Webb,** Cranfield University, UK

**Lunch Break**

**Title: Solving the Problem of Dearth of CAD Software for Consulting engineers in Nigeria and other Developing Countries: a Case for Software Renting/Subscription**
**Chidozie C. Nwobi-Okoye,** Chukwuemeka Odumegwu Ojukwu University, Nigeria
**Title: Challenges and Advances in Environment-Based Voice Interaction**
**Leor Grebler,** Unified Computer Intelligence Corporation, Canada
**Title: Analysis of the Integration between Information Tools Discrete Event Simulation and Production System**
**Rodrigo Ferro,** Methodist University of Piracicaba, Brazil
**Title: Case Study: Automation Influence on Logistics and Warehousing Business Sector**
**Patricio Rodriguez,** Texas A&M International University, USA
**Title: Design and Development of a Learning-based Human-analogous Real-time Control Method with Applications in Industrial Automation**
**Mojtaba Hedayatpour,** University of Regina, Canada

### Panel Discussion

**Networking & Refreshments**

**Day 3** **June 15, 2016**

## Independence B

**Track 09: Automation systems**
**Track 10: Automation Solutions**

**Session Chair: Philip Webb,** Cranfield University, UK

**Session Co-Chair: Asim ur Rehman Khan,** National University of Computer & Emerging Sciences, Pakistan

**Session Introduction**

**Title: Towards mitigating the impact of NBTI and PBTI Degradation**
**Mary M Eshaghian-Wilner,** The University of Southern California, USA
**Title: Growing the Next Generation Automation-capable Workforce**
**Ted Rozier,** Festo Didactic Solution Center, USA

**Networking & Refreshments**

**Title: Power, Automation and Industrialization: The Nigerian Experience**
**Stanley Okiy,** Petroleum Training Institute, Nigeria
**Title: Wearables for Driver Safety in the Trucking Industry**
**Avishai Geller,** Maven Machines, USA

**Panel Discussion**

**Lunch Break**


**Bookmark your dates**

3rd World congress on

# Automation and Robotics

August 18-19, 2017 Orlando, USA



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3rd International Conference on

# Big Data Analysis & Data Mining

September 26-27, 2016 London,UK

## Scientific Program



## Day 1 September 26, 2016

Registrations

### Hall C

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# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: Alignment and convergence of knowledge discovery and hpc**
**Thomas Sterling,** Indiana University, USA

**Networking and Refreshment Break**

**Title: Geometric data analysis: analytics of processes and behaviours**
**Fionn Murtagh,** University of Derby, UK

**Title: Scientific discovery by machine intelligence-a new avenue for drug discovery**
**Carlo A Trugenberger,** InfoCodex AG-Semantic Technologies, Switcherland

**Panel Discussion**

**Group Photo**

**Lunch Break**

**Session : Data Mining Applications in Science, Engineering, Healthcare and Medicine | Artificial Intelligence | Optimization and Big Data | Data Mining analysis | Business analytics | OLAP technologies | Big Data algorithm | ETL (Extract, Transform and Load) | New visualization techniques**

**Session Chair: Yedidi Narasimha Murty,** Electronic Arts, USA

**Session Introduction**

**Title: Application of rough sets and dempster-shafer's evidence theory in spatial data mining**
**Iftikhar U Sikder,** Cleveland State University, USA

**Title: Simulation, modelling and diagnostics-From the "health" of spacecrafts to the health of astronauts**
**Jacopo Biancat,** Systems & Advanced Technologies Engineering, Italy

**Title: Mining performance management applying data analytics and artificial intelligence methodologies**
**Burcin Ozturk Demirhanoz,** WesTrac CAT, Australia

**Title: Weather insights using big data analytics**
**Hongfei Li,** IBM Analytics, USA

**Networking and Refreshment Break**

**Title: Resolution-based outlier factor and outlier mining algorithm for engineering applications**
**Hongqin Fan,** The Hong Kong Polytechnic University, Hong Kong

**Title: Mining biological networks in health and disease**
**Sophia Tsoka,** King's College London, UK

**Panel Discussion**

## Day 2 September 27, 2016

### Hall C

## Keynote Forum

**Title: Extensions of dynamic programming for decision tree study**
**Mikhail Moshkov,** King Abdullah University of Science and Technology, Saudi Arabia

**Title: Data mining with data visualization**
**Robert S Laramee,** Swansea University, UK

**Networking and Refreshment Break**

**Session : Big Data Applications | Data Mining Methods and Algorithms | Big data technologi Open data**

**Session Chair: Fionn Murtagh,** University of Derby, UK

**Session Introduction**

**Title: Research issues and applications of geo-spatial big data in government sector**

**Jiping Liu,** Chinese Academy of Surveying and Mapping, China

**Title: Libraries in the big data era strategies and challenges in archiving and sharing research data**

**Peter Löwe,** Leibniz Information Centre for Science and Technology, Germany

**Title: Research on spatial outlier mining algorithm based on distributed computing**

**Wangjun He,** Chinese Academy of Surveying and Mapping, China

**Lunch Break**

**Poster Presentations**

**Title: Building cluster-based word networks from textual data**

**Han-joon Kim,** University of Seoul, Korea

**Title: Research on the spatial differentiation of urban population along middle and lower reached of the YangZi River region based on GWT**

**Agen Qiu,** Chinese Academy of Surveying and Mapping, China

**Title: Affecting features and fractal characteristic of urbanization in the pan yangtze river delta based on GWR**

**Liang Wang,** Chinese Academy of Surveying and Mapping, China

**Video Presentation**

**Title: Security issues, challenges and opportunities in mobile cloud computing**

**Kahkashan Tabassum,** Princess Nourah Bint Abdulrahman University, Saudi Arabia

**Young Researchers Forum**

**Title: Automatic identification of irrelevant features for clustering with artificial neural network map on synthetic datasets**

**Aliyu Usman Ahmad,** University of Aberdeen, UK

**Title: Macroinvertebrate based mathematical models for the prediction of microbial pathogens in rivers**

**Rubén Jerves cobo,** Ghent University, Belgium

**Networking and Refreshment Break**

**Title: Exploring knowledge flows in citizen e-participation data**

**Daniele Menezes Nascimento,** McGill University, Canada

**Title: Educational data mining to inspect low academic performance areas of the students using ensemble classification**

**Khawar Shakeel,** University of Gujrat, Pakistan

**Panel Discussion**

**Award ceremony**


## Bookmark your dates

4th International Conference on

# Big Data Analysis & Data Mining

August 02-03, 2017 Milan, Italy

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Website: datamining.conferenceseries.com