

Final Program

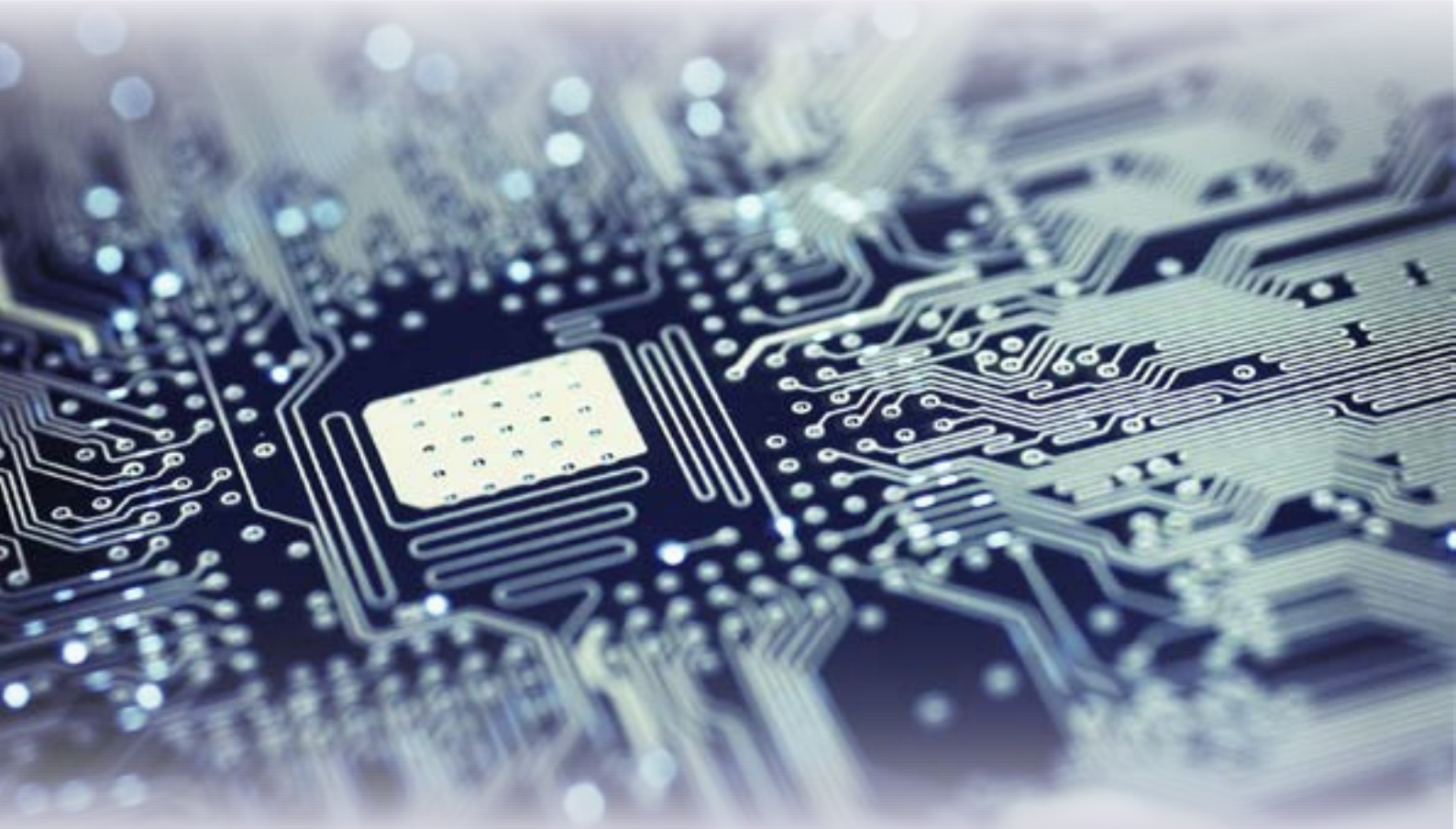
International Conference on

Electronics & Electrical Engineering

International Conference on

Computer Science & Cloud Computing

July 26-27, 2018 at Barcelona, Spain



Scientific Federation

1-8-506/2/B, Begumpet, Hyderabad-500016, India

T: +91-40-6668 7799 | E: contact@scientificfederation.com

<http://scientificfederation.com>

Day 1 July 26, 2018

Amposta

- 08:00-08:30 Registrations
08:30-08:35 Introduction
08:35-09:00 Opening Ceremony

Plenary Sessions

- 09:00-09:50 **Title: Kalman, H^∞ , and UFIR Filters: Trade-Off between Performance and Robustness**
Yuriy S.Shmaliy, Universidad de Guanajuato, Mexico
09:50-10:35 **Title: Electric Vehicles – The Mobile Portion of the Smart Grid**
Xavier Fernando, Ryerson University, Canada

Keynote Sessions

- 10:35-11:20 **Title: Brain Computer Interfaces for Rehabilitation and Exoskeleton Devices**
George Hassapis, Aristotle University of Thessaloniki, Greece

Networking & Refreshments Break 11:20-11:35 @ Foyer

- 11:35-12:20 **Title: Printed Electronics Design, Fabrication & Characterization**
JORDI Carrabina, Universitat Autònoma de Barcelona, Spain
12:20-13:05 **Title: Computer Interconnection Networks with Virtual Cut-Through Routing**
Lev B. Levitin, Boston University, College of Engineering, USA

Lunch Break 13:05-14:00

**Sessions: Distributed Generation, Fuel Cells and Renewable Energy Systems
Analogue and Digital Signal Processing, Intelligent Control Systems, Power Market
Session Chair: George Hassapis, Aristotle University of Thessaloniki, Greece
Session Co-chair: Marvin Andujar, University of South Florida, USA**

- 14:00-14:25 **Title: Quantifying the Human Brain During Human-Computer Interaction with Brain Computer-interfaces**
Marvin Andujar, University of South Florida, USA
14:25-14:50 **Title: UAS FLEET 5 LIFE**
Jesus Hamilton Ortiz, Closemobile R&D · Research and Development, Spain
Title: Mixed / ∞ Robust Controller Design and Simultaneous use of Virtual Inertia for Stability Improvement of Smart Micro-grids
Mohammad Niyazi, Monenco Iran Consulting Engineers, Iran
15:15-15:40 **Title: Future study and policy making in the field of energies of power industry**
Farshid Malek Hosseiny, IMI of Iran, Iran
15:40-16:05 **Title: Scintillator Detectors Based Mixed-Field Radiation Imaging**
Kelum Gamage, University of Glasgow, United Kingdom

Networking & Refreshments Break 16:05-16:20 @ Foyer

**Sessions: Measuring Technology and Instruments, High Voltage and Insulation Technology, Power Electronics and Power Drives, Power System Reliability and Security, Electro Technologies, nuclear energy, Power Optimization, Electromagnetic Compatibility, power management
Session Chair: Ronald A. Coutu, Marquette University, USA**

- 16:20-16:45 **Title: Transition for Microgrid and Renewable Energy in Korea**
Seung-il Moon, Seoul National University (SNU), South Korea
Title: Economical Analyze of Outage Avoidance in Power System with using Smart Grid and Demand Response Approach
Mohammad Niyazi, Monenco Iran Consulting Engineers, Iran
16:45-17:10 **Title: Recent Projects in Marquette University MEMS and Advanced Microsystems Laboratory**
Ronald A. Coutu, Marquette University, USA
17:35-17:50 **Title: Wireless Protocols for Energy Efficiency Applications**
JORDI Carrabina, Universitat Autònoma de Barcelona, Spain
Title: Load Management and Demand Response Programs Using Advanced Metering Infrastructure, Case Study: Iran National Smart Metering Project
Mohammad Niyazi, Monenco Iran Consulting Engineers, Iran

Video Presentations

18:15-18:30 **Title: Fault Diagnosis with Distributed Generation: Issues, Challenges and Remedies**
Mangal Hemant Dhend, AISSMS College of engineering, India

Poster Presentations

P-001 **Title: Control Strategy for Line Commutated Converter High-Voltage DC Systems Mitigating Voltage Instability**

Gyu-sub Lee, Seoul National University (SNU), South Korea

P-002 **Title: Wire Mismatch Detection Using Convolutional Neural Network and Fault Localization Based on Time-Frequency Domain Reflectometry**

Seung Jin Chang, Hanbat National University, Korea

P-003 **Title: Considering harmonic wave, mathematical modeling of permanent magnet tampering structure of SPMSM**

Gang Seok Lee, Hanyang University, Republic of Korea

19:00-20:00 Cocktails

Day 2 July 27, 2018

Ampostea

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

09:00-09:05 **Introduction**

09:05-09:30 **Opening Ceremony**

Plenary Sessions

09:30-10:15 **Title: Challenges and Opportunities for Photonics in Next Generation Computing**
Sukhdev Roy, Dayalbagh Educational Institute, India

10:15-11:00 **Title: Towards Context Aware Environments in Smart Cities**
Francisco Falcone, Universidad Publica de Navarra, Spain

Networking & Refreshments Break 11:00-11:15 @ Foyer

Keynote Sessions

11:15-11:55 **Title: How to improve Elastic search with deep learning**
Nabil Fegaiere, Universite Paris Sud, France

11:55-12:35 **Title: Bridging the Gap between SQL and NoSQL to build a data lake for interactive machine learning**

Serge Miranda, University of Nice Sophia Antipolis, France

Title: Cloud Security Holistic Taxonomy and Counter measures : Towards bio-inspired

12:35-13:15 **Solutions**

Elhadj Benkhelifa, Staffordshire University, UK

Lunch Break 13:15-14:15

Session: Artificial Intelligence, Cloud Computing, Parallel and Distributed Computing, Computer Vision Computer Graphics, Knowledge Management

Session Chair: W. Jim Zheng, University of Texas Health Science Center, USA

14:15-14:45 **Title: The intersection of Supercomputing and Cloud Computing – where is it?**
William Kramer, University of Illinois at Urbana Champaign, USA

14:45-15:15 **Title: Visualizing Human Genome in Time and Space**
W. Jim Zheng, University of Texas Health Science Center, USA

15:15-15:45 **Title: From IoT to HEB and the future of ULSS**
Mario Nemirovsky, Barcelona Supercomputer Center, Spain

Networking & Refreshments Break 15:45-16:00 @ Foyer

16:00-16:30 **Title: Context-awareness Multimedia Streaming over 5G HetNets (CASH)**
Jalil Piran, Sejong University, South Korea

16:30-17:00 **Title: Semantic Criteria for an Automatic Concept Interpretation**
Lobna Karoui, Université Paris Sud, France

17:00-17:30 **Title: NO-SQL impact on next generation SQL standard for unified big data systems**
Serge Miranda, University of Nice Sophia Antipolis, France

Video Presentation

17:30-18:00 **Title: Cloud Economics**
Lubna Luxmi Dhirani, University of Limerick, Ireland

Poster Presentations

- P-001 **Title: Interactive data visualization for Big Data revolution in mining operations**
Javier Taboada, Universidad de Vigo, Spain
- P-002 **Title: Traffic light management in urban areas using a wireless sensor network: Smart cities case**
Mustapha Kabrane, Ibn Zohr University, Morocco
- P-003 **Title: How to reconstructed the Gradient of initial state and the Gradient of initial speed for Hyperbolic Systems, Analysis, Approximation and simulation**
Rekkab soraya, University Constantine, Algeria

Certificate Felicitation @ Closing Cevremony

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2nd International Conference on

Electronics & Electrical Engineering

July 22-23, 2019 Rome, Italy

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Computer Science & Cloud Computing

July 22-23, 2019 Rome, Italy