



ETEBMS-2016

ETEBMS-2016 aims to provide an opportunistic forum and vibrant platform for researchers, scholars, academicians and industry practitioners to share their original research work and practical development experiences on specific new challenges and emerging issues. It frames a atmosphere for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in Science and Engineering.

The conference goals to cover the recent areas in the field of Computer Science, Biomedical Engineering, Electrical and Electronics Engineering, Management, Pharma, Dental and associated Technologies:

Objective

The Conference is an International forum for the presentation of technological advances and research results in the fields of Science, Engineering. The Conference will introduce together with leading researchers, engineers and scientists in the domain of interest from around the world.

Computer Engineering

Algorithms, Artificial Intelligence, Automated Software Engineering, Bioinformatics and Scientific Computing, Computer-aided Design, Computer Animation, Computer Architecture, Computing Ethics, Computer Modeling, Computer Networks, Computer Security, Computer Simulation, Database and Data Mining, Data Compression, Data Encryption, Data Mining, Digital Signal and Image Processing, Digital System and Logic Design, Expert Systems, Image Processing, Information Systems, Internet and Web Applications, Mobile Computing, Network Security and Cryptography, Multimedia Applications, Multimedia Networking, Mobile Wireless Networks, Programming Languages, Wireless Communication, Wireless Sensor Network.

Electronics Engineering

3D Semiconductor Device Technology, Adaptive Signal Processing, Advanced Electromagnetic, Artificial Intelligence, Component Technology of MEMS, Compound Semiconductor Physics and



Devices, Computer Engineering Device Electronics for I.C, Electronics System-Level Based Design Electronics & Nano Electronics, Electronics-Medical Electronics, Epitaxial and Light-emitting Diodes, Fiber Optics and Fiber Devices, Giant Area Microelectronics, Intelligent Transportation Systems, Integrated Optics, Medicine and Biology Applications, Micro/Nano Systems and Networks, Mixed Signal Circuits, Mobile Computing, Mobile Robotics, Multimedia Services and Technologies, Networks Design, Protocols and Management, Optical Electronic Devices & Photonics, Radio-Frequency Integrated Circuits, Signal & Image Processing, VLSI Testing and Design for Testability.

Electrical Engineering

Software Specification, Software Assurance, Analysis of Power Quality and System Stability, Assembly and Packaging, Analog Circuits and Digital Circuits, Antenna and Propagation, Battery Management System Circuits and Electronics, Computer Relaying, Electric Energy Processing, Electromagnetic and Photonics, Electro-optical Phenomena of Semiconductors, Integrated Optics and Electro-optics Devices, Microwave Theory and Techniques, Microwave and millimeter circuit and Antenna, Modulation, Coding, and Channel Analysis, Power Electronics Power IC, Remote control and techniques of GPS, Remote Control and Techniques of GPS, Robotics and Atomization Engineering, Signal Integrity Design for High-Speed Digital Systems, Signal Processing, Simulation of Propagation, Smart Grid, Solar Power Generation, Techniques of Laser and Applications Of Electro-optics, Wind Power Generation.

Biomedical Engineering

Biological and Biomedical Sciences, Agriculture, Forestry and Life Sciences, Biology and neuroscience, Genetics and Human Genetics, Biomedical Engineering, Computational Biology, Systems Biology, Bioscience Engineering, Bio-behavioral science, Biomedical science , Biocomputers , Biocontrol , Biodynamics, Bioinformatics and Biomonitoring, Biomedical Signal Processing, Imaging and Visualization, Cardiac Electrophysiology, Biomedical Computing, Bio-Nanotechnology and Bio-Mems, Biosensors and Transducers, Bioinformatics, Bio Robotics, Surgical Robotics and Surgical Planning, Smart Sensor Technology and Measurement Systems, Functional Neuro-Imaging and Brain Mapping, Medical Devices, Measurement and Instrumentation, Tele-health and Assistive Technology, Health and Safety in Medical Application, Virtual Reality, Virtual and Intelligent Instrumentation, Neural and Rehabilitation Engineering, Instrumentation and Control Engineering, Computers in Medical Education, E-Textiles and



Wearable Technologies, Patient monitoring, Telemedicine, Telesurgery, Magnetic Resonance Imaging (MRI), Data storage and compression, Drug delivery and Pharmacokinetics, etc. Dental Related field, Deja vu, yoga, aura and associated areas.

Architecture

History and Theories of Architecture, Traditional Construction Materials, Architectural Design and Theories, Advanced Construction Materials, Architecture and Building Materials, Art Design and Landscape Architecture, Building Technology Science, Architectural Environment and Equipment Engineering, Green Building Materials, Ecological Architecture, Computers in Architecture, Sustainable Architecture.

Civil & Structural Engineering

Building Structure, Bridge Engineering, Structural Engineering, Coastal Engineering, Geological Engineering, Geotechnical Engineering, Hydraulic Engineering, Surveying Engineering, Seismic Engineering, Harbor Engineering, Transportation Engineering, Water Supply and Drainage Engineering, Road and Railway Engineering, Sanitary and Ground Water Engineering, Engineering Management Heating, Gas Supply, Ventilation and Air Carrier Operation Engineering, Concrete Structures, Disaster Prevention and Mitigation, Environment-Friendly Construction and Development Material Quality and Control Safety and Monitoring, Monitoring and Control of Structures, Reliability and Durability of Structures Construction Technology, Computer Simulation and CAD/CAE Computational Mechanics, Structural Analysis and Design.

Management

Conference will address different categories inside the management area and papers are expected to fit broadly "but not exclusively" into one of the named themes and sub-themes.

Marketing Theory & Research: Strategic Marketing; Cross-Cultural Marketing; Digital & Mobile Marketing; Technological Innovations in Marketing; Brand Experience; Consumer Behavior; Customer Relations; Creativity Marketing.

HUMAN RESOURCES: Human Resources Management (HRM) Strategic Challenges; Team Building and Management; ICT in HRM; Career Management; HRM in Cross-Cultural Organizations; Ethics & Social Responsibility; Training & Recruiting; Performance Management.



GLOBAL MANAGEMENT: Strategic Management; Organizational Behavior; Leadership Development; Cross-Cultural Management; Globalization and Leadership; Management of Small Businesses; Management of Social Issues and Social Responsibility; Production & Supply Chain Management.

FINANCES: Financial Accounting; International Financial Reporting; Corporate Finance; Law and Finance; Banking and Finance; Financial Markets and Derivatives; Financial Services Management; Financial Engineering.

TOURISM MANAGEMENT: Tourism Economics; Competitiveness and Innovation in Tourism; Tourism Marketing; Tourism and Sustainability; HR Management in Tourism and Hospitality; ICT in Tourism Management; Tourism Planning & Operations; Cultural Impact and Responsible Tourism Management.

ENTREPRENEURSHIP & INNOVATION: Entrepreneurial Skills Development and Education; Entrepreneurship in Globalization; Entrepreneurship in SMEs; Innovation Culture; Organizational Innovation; Employee-Driven Innovation; Competitive Entrepreneurship; Corporate Entrepreneurship; Intellectual Capital.

BUSINESS & SUSTAINABILITY: PUBLIC ADMINISTRATION: Strategic Public Policy; HRM in Public Management; Organizational Management in Public Sector; Innovation in Public Sector; eGovernment; Local Governance Management; Public Management and Sustainability.

Other Related Topics

Urban Planning and Design, Sustainable Development of Building Energy and Environment, Energy Conservation, Environmental Engineering and Environmental Protection Tunnel, Subway and Underground Facilities, Traffic Engineering, Construction and Renewable Energy Sources.