



I C M S T

International Conferences on Military Science & Technology

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ICMST

DESIDOC brings out a range of services and products to keep its users updated. The International Conferences on Military Science & Technology (ICMST) covers upcoming conferences, seminars, workshops, events, and exhibitions on the topics like Aeronautics, Armaments, Combat Vehicles, Computer Science, Electronics, Life Sciences, Management, Materials Science, Military Science, Missiles, Naval Science and other topics related to DRDO. The service also covers the forthcoming S&T Awards & Fellowships. The aim of this anticipatory service is to:

- Inform the DRDO scientific community about the latest international conference in military science.
- Abreast and update with the latest and current advancements in their respective areas of specialisation.

The information is collected and compiled from defence-related journals being subscribed in Defence Science Library (DSL), DESIDOC and from the Internet. The limited topics are covered under each conference due to space constraints. Contact addresses are also provided to help interested scientists/researchers get complete information about the conferences.

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(1) International Conference on Mechanical, Aerospace and Production Engineering (ICMAPE-2016)

Date: 20 August 2016

Place: Hyderabad, Andhra Pradesh, India

Topics Covered:

- Mechanical engineering
- Aerospace engineering
- Production engineering
- Acoustics and noise control
- Aerodynamics
- Applied mechanics
- Automation, mechatronics and robotics
- Automobiles
- Automotive engineering
- Ballistics
- Biomechanics
- Biomedical engineering
- CAD/CAM/CIM
- CFD
- Composite and smart materials
- Compressible flows
- Computational mechanics
- Computational techniques
- Dynamics and vibration
- Energy engineering and management
- Engineering materials
- Fatigue and fracture
- Fluid dynamics
- Fluid mechanics and machinery
- Fracture
- Fuels and combustion
- General mechanics
- Geomechanics
- Health and safety
- Heat and mass transfer
- HVAC
- Industrial & systems engineering
- Industrial engineering
- Industrial, mechanical, systems science and engineering
- Instrumentation and control
- Internal combustion engines
- Logistics and scheduling
- Machinery and machine design
- Manufacturing and production processes
- Manufacturing engineering
- Manufacturing systems engineering
- Marine system design
- Material engineering
- Material science and processing
- Mechanical design
- Mechanical power engineering
- Mechatronics
- MemS and nano technology
- Multibody dynamics
- Nanomaterial engineering
- New and renewable energy
- Noise and vibration
- Noise control
- Non-destructive evaluation
- Nonlinear dynamics
- Oil and gas exploration

AERONAUTICS

- Operations management
- PC guided design and manufacture
- Plasticity mechanics
- Pollution and environmental engineering
- Precision mechanics, mechatronics
- Production technology
- Quality assurance and environment protection
- Resistance and propulsion
- Robotic automation and control
- Solid mechanics
- Structural dynamics
- System dynamics & simulation
- Textile and leather technology
- Transport phenomena
- Tribology
- Turbulence
- Vibrations
- Theories, models and concepts
- Advanced energy sources
- Advanced heat pipe technologies
- Advanced in-space propulsion & power concepts
- Advanced thermal control technologies
- Advances in space propulsion
- Enabling technologies for lunar surface science
- Far term space transport & environment models and theories
- High capacity heat rejection systems
- High frequency gravity wave detection
- High frequency gravity wave generators
- Innovative techniques in fusion energy
- Innovative techniques in nuclear energy
- Lunar in space resource utilization
- Lunar lander technologies and design
- Medical astrosociology
- Microgravity thermophysics
- New directions in astrophysics/particle physics
- New directions in communications
- Planetary defense and societal protection
- Propulsion analysis
- Sensors
- Smart materials
- Space faring societies
- Space policy and space law in a social context
- Space science and technology roadmaps
- Space societies/ the settlement of space environments
- Technology transfers and spinoffs
- The relationship between astrosociology and astrobiology
- Theories on high frequency gravity waves
- Thermal control

- Thermal control for lunar and deep missions
- Two phase thermal control systems
- Unconventional physical principles and gravitational models

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(2) International NAFEMS Conference on Engineering Modeling, Analysis, Simulation and 3D Printing (NAEFMS-3D)-2016

Date: 29-31 August 2016

Venue: Bangalore, India

Topics Covered:

- Computational fluid dynamics (CFD)
- Multiphysics – coupled simulations (FSI), electromagnetism, multi-body simulation
- Optimization
- Acoustics
- Fracture & fatigue
- Materials (composites, nano, polymers, ...)
- Connections
- Conceptual design
- Stochastics / robustness
- Simulation driven design
- Engineering analysis, verification and validation

- Simulation Data Management (SDM)
- Any other area of simulation...

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(3) IWMAE-2016, International Workshop on Mechanical and Aerospace Engineering

Date: 26-27 November 2016

Place: Istanbul, Turkey

Topic Covered:

- Aerospace engineering
 - Acoustics and noise control
 - Advanced energy sources
 - Advanced heat pipe technologies
 - Advanced in-space propulsion & power concepts
 - Advanced thermal control technologies
 - Advances in space propulsion
- Aerodynamics
- Applied mechanics
- Automation, mechatronics and robotics
- Automobiles
- Automotive engineering
- Ballistics
- Biomechanics
- Biomedical engineering
- Composite & smart materials
- Compressible flows
- Computational mechanics

- Computational techniques
- Dynamics and vibration
- Enabling technologies for lunar surface science
- Energy engineering and management
- Engineering materials
- FAR term space transport and environment models and theories
- Fatigue and fracture
- Fluid dynamics
- Fluid mechanics & machinery
- Fracture
- Fuels and combustion
- General mechanics
- Geomechanics
- Health and safety
- Heat and mass transfer
- High capacity heat rejection systems
- High frequency gravity wave detection
- High frequency gravity wave Generators
- HVAC
- Industrial and systems engineering
- Industrial engineering
- Industrial, mechanical, systems science and engineering
- Innovative techniques in fusion energy
- Innovative techniques in nuclear energy
- Instrumentation and control
- Internal combustion engines
- Logistics and scheduling
- Lunar in space resource utilization
- Lunar lander technologies and design
- Machinery and machine design
- Manufacturing and production processes
- Manufacturing engineering
- Manufacturing systems engineering
- Marine system design
- Material engineering
- Material science & processing
- Mechanical design
- Mechanical power engineering
- Mechatronics
- Medical astrosociology
- Mems and nano technology
- Microgravity thermophysics
- Multibody dynamics
- Nanomaterial engineering
- New and renewable energy
- New directions in astrophysics/particle physics
- New directions in communications
- Noise and vibration
- Noise control
- Non-destructive evaluation
- Nonlinear dynamics
- Oil and gas exploration
- Operations management
- PC guided design and manufacture

- Planetary defense and societal protection
- Plasticity mechanics
- Pollution and environmental engineering
- Precision mechanics, mechatronics
- Production technology
- Propulsion analysis
- Quality assurance and environment protection
- Resistance and propulsion
- Robotic automation & control
- Sensors
- Smart materials
- Solid mechanics
- Space faring societies
- Space policy and space law in a social context
- Space science and technology roadmaps
- Space societies/ the settlement of space environments
- Structural dynamics
- System dynamics & simulation
- Technology transfers and spinoffs
- Textile and leather technology
- The relationship between astrosociology and astrobiology
- Theories on high frequency gravity waves
- Theories, models & concepts
- Thermal control
- Transport phenomena
- Tribology
- Turbulence
- Vibrations
- Mechanical engineering
 - Advances on aero space technology
 - Artificial intelligence and expert systems
 - CAD/CAM integration technology
 - CAD/CAM, automation & robotics
 - Computational mechanics
 - Computer-aided geometric design & simulation
 - Construction machinery and equipment
 - Design tools, cutting tool material and coatings
 - Dynamic mechanical analysis, optimization and control
 - Energy conservation, renewable energy techniques
 - Energy machinery & equipment
 - Flexible manufacturing technology & system
 - Fluid dynamics, bio-fuels, fuel cells
 - High-speed/precision machining
 - Laser processing technology
 - Logistics and supply chain management
 - Machinability of materials, composite materials
 - Material engineering
 - Mechanical dynamics and its

- applications
- Mechanical power engineering
- Mechanical reliability theory and engineering
- Mechanical transmission theory and applications
- Non-traditional machining processes
- Operations management
- Powder metallurgy/casting/sintering/thermal engineering/welding
- Precision manufacturing & measurement
- Quality & reliability engineering
- Reliability and maintenance engineering
- Reverse engineering
- Structural strength and robustness
- System dynamics and simulation
- Systems science and systems engineering
- Theory and application of friction and wear
- Total quality management and quality engineering
- Transportation systems
- Tribology
- Vehicle dynamic performance simulation
- Vibration, noise analysis and control

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(4) International Workshop on Aircraft Design and Control Engineering (WADCE 2016)

Date: 28-30 December 2016

Place: Hong Kong, China

Topic Covered:

- Airspace control integration see-and-avoid systems
- Airspace management interoperability security
- Airworthiness levels of safety sensor fusion
- Air vehicle operations manned/unmanned aviation simulation
- Autonomy micro & mini-UAS smart sensors
- Biologically inspired uas navigation standardization
- Certification networked swarms swarms
- Control architectures payloads technology challenges
- Energy efficient uas path planning training
- Environmental issues regulations uas applications
- Fail-safe systems reliability of uas uas communications
- Frequency management risk analysis uas testbeds
- Aeronautics basics of flight & aeronautics control in practical systems
- Design, modeling and analysis different systems in an aircraft

novel sensors and actuators

- Composites stability & control of an aircraft new methods/applications of feedback control
- Materials instrumentation in an RC aircraft multidisciplinary design optimization
- Impact and dynamics control of canonical flows morphing
- Topology and shape aerodynamics applications panel modelling
- Optimisation

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(1) Second International Conference of Control Theory and Computer Modelling (CTCM-2016)

Date: 27 August 2016

Place: Dubai, United Arab Emirates

Topic covered:

- Advances in software engineering
- Knowledge-based systems and formal methods
- Languages and formal methods
- Managing software projects
- Multimedia and visual software engineering
- Quality management
- Search engines and information retrieval
- Software engineering decision making
- Software engineering practice
- Software maintenance & testing
- Software process
- Web engineering
- Web-based education systems and learning applications

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(2) International Symposium on Computer Science & Computer Engineering (ICSCE 2016)

Date: 27-28 August 2016

Place: Paris, France

Topic covered:

- Artificial intelligence
- Automated planning & control
 - Brain-computer interfaces & computational neuroscience
 - Computational biology
 - Intelligent interaction
 - Machine learning
 - Natural language processing
 - Robotics
- Big data
 - Big data management
 - Big data machine learning
 - Big data visualization
 - Big data architecture and programming
 - Big data systems
 - Big data on the web
- Computational & synthetic biology
- Computer architecture
- Computer graphics, vision, animation, and game science
- Computing for development
- Data management
- Human computer interaction
- Machine learning
- Natural language processing
- Programming languages and software engineering
- Robotics
 - Robotics and state estimation
 - Sensor systems

- Neural systems
- Deep learning
- Movement control
- Human-centered robotics
- Security and privacy
- Systems and networking
- Theory of computation
- Ubiquitous computing
- Wireless and sensor systems

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(3) 2nd International Conference on Computer Science Networks and Information Technology

Date: 27-28 August 2016

Place: Montreal, Canada

Topic Covered:

- Algorithms and techniques
- Artificial intelligence
- Circuit implementation for fuzzy systems
- Circuit modelling and scientific computing
- Component based development
- Computational intelligence
- Computer and information technology
- Computer aided design
- Computer architectures and digital systems
- Computer networks & security

- computer vision and pattern recognition
- Control engineering
- Control systems and robotics
- Data mining and data fusion
- Data mining and management databases and data mining
- Decision support systems
- Distributed and parallel systems
- Distributed, mobile, and open architecture
- Dynamical systems
- E-learning & e-business
- Engineering of specific kinds of information systems
- Fuzzy logic and circuits design
- Fuzzy systems
- Fuzzy, ann & expert approaches
- Genetic algorithms
- Grid and cluster computing
- Hierarchical control systems
- Human-computer interaction
- Human-machine systems,
- Hybrid systems
- Information & data security
- Information systems & applications
- Information systems and ubiquitous technologies
- Information systems engineering approaches for adaptive and flexible information systems
- Information systems in networked & virtual organizations

- Information systems reengineering
- Innovative database technology
- Innovative platforms, architectures and technologies for information systems engineering
- Internet and electronic commerce
- Internet applications & performances
- Knowledge based systems
- Knowledge management & decision making
- Knowledge modelling
- Knowledge, information, and data quality
- Logic synthesis
- Management information systems
- Methodologies and approaches for information systems engineering
- Methodologies and languages for secure information systems
- Mobile networks & services
- Model-driven architecture
- Modelling and simulation
- Multidimensional systems
- Multimedia and web applications
- Multivariable systems
- Network and system security
- Network management and Services
- Networking theory & technologies
- Networks-on-chip and systems-on-chip
- Neural networks
- Numerical analysis and circuits
- Optimization
- Pattern recognition
- Performance modelling and analysis
- Quality of models and of modelling languages
- Reliability engineering and Fault Tolerance
- Satellite & space communications
- Scientific computing and supercomputing benchmark design
- Scientific visualization
- Seismic data processing
- Semantic web
- Service-oriented architecture
- Signal processing
- Signal processing systems
- Simulation, modelling, robotics
- Soft computing
- Software agent architecture
- Software architectures for scientific computing
- Software engineering
- Speech and audio processing
- Speech and image processing systems
- Supercomputing and scientific computing
- Usability, trust, flexibility, interoperability
- Web engineering

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(4) International Conference on Recent Advances in Computer Science and Information Technology (ICRACSIT)

Date: 28 August 2016

Place: Pondicherry, India

Topic Covered:

- Algorithms digital system and logic design
- Artificial intelligence distributed and parallel processing
- Automated software engineering distributed systems
- Bio-informatics e-commerce and e-governance
- Bioinformatics and scientific computing event driven programming
- Biomedical engineering expert systems
- Compilers and interpreters high performance computing
- Computational intelligence human computer interaction
- Computer animation image processing
- Computer architecture & vlsi information retrieval
- Computer architecture and embedded systems information systems
- Computer based education
- internet and web applications
- Computer games knowledge data engineering
- Computer graphics & virtual reality mobile computing
- Computer graphics and multimedia multimedia applications
- Computer modeling natural language processing
- Computer networks neural networks
- Computer networks and data communication parallel and distributed computing
- Computer security pattern recognition
- Computer simulation performance evaluation
- Computer vision programming languages
- Computer-aided design/manufacturing reconfigurable computing systems
- Computing ethics robotics and automation
- Computing practices & applications security & cryptography
- Control systems software engineering & case
- Data communications system security
- Data compression technology in education
- Data encryption technology management
- Data mining theoretical computer science
- Database Systems Ubiquitous

Computing

- Digital library wireless communication and mobile computing
- Digital signal and image processing wireless sensor networks

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(5) International Conference on Latest Trends in Computer Science and Engineering (ICLTCSE 2016)

Date:7-8 September 2016

Place: Copenhagen, Denmark

Topic covered:

- Programming
- The semantic web
- Imaging
- Virtualization
- Machine learning
- Data absorption
- Protected openness
- Network models
- Reinforcement learning
- Hardware-software borderline
- Augmentative technology for the handicapped
- Computer networks and distributed systems
- Computer science education
- Computer security and information assurance
- Computer vision and information

visualization

- Databases
- High-performance and grid computing, cyberinfrastructure, and computational science
- Knowledge representation, computational linguistics, and cognitive science
- Medical applications and bioinformatics
- Multimedia databases and information retrieval
- Pattern recognition, machine learning, and data mining
- Programming languages and software systems
- Theory and algorithms
- VLSI & computer architecture
- Abundant-data applications, algorithms, and architectures .
- Artificial intelligence & robotics .
- Bio-informatics and other uses of CS in biology, biomedical engineering, and medicine
- Computer-assisted education
- Databases, data centers, information retrieval, and natural-language processing
- Emerging technologies for computing hardware, communication, and sensing
- Human-computer interaction
- Large-scale networking
- Limits of computation & communication
- Multimedia
- Programming languages and

environments

- Security of computer systems and support for digital democracy
- Verification, proofs, and automated debugging

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(6) International Conference on Innovation on Computer Science and Engineering (ICICSE 2016)

Date: 11-12 September 2016

Place: Helsinki, Finland

Topic covered:

- Programming
- The semantic web
- Imaging
- Virtualization
- Machine learning
- Data absorption
- Protected openness
- Network models
- Reinforcement learning
- Hardware-software borderline
- Augmentative technology for the handicapped
- Computer networks and distributed systems
- Computer science education
- Computer security and information assurance
- Computer vision and information visualization

- Databases
- High-performance and grid computing, cyberinfrastructure, and computational science
- Knowledge representation, computational linguistics, and cognitive science
- Medical applications and bioinformatics
- Multimedia databases and information retrieval
- Pattern recognition, machine learning, and data mining
- Programming languages and software systems
- Theory and algorithms
- VLSI and computer architecture
- Abundant-data applications, algorithms, and architectures
- Artificial intelligence & robotics
- Bio-informatics and other uses of CS in biology, biomedical engineering, and medicine
- Computer-assisted education
- Databases, data centers, information retrieval, and natural-language processing:
- Emerging technologies for computing hardware, communication, and sensing
- Human-computer interaction
- Large-scale networking
- Limits of computation & communication
- Multimedia
- Programming languages and environments
- Security of computer systems &

support for digital democracy

- Verification, proofs, and automated debugging

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<http://www.icicse.iisrcrc.com>

(7) 35th International Conference on Engineering & Technology, Computer, Basic & Applied Sciences (ECBA- 2016)

Date: 20-21 September 2016

Place: Bangkok, Thailand

Topic Covered:

- Applied science
 - Artificial intelligence, architecture, astronomy
 - Biological sciences, botany, chemistry, design, earth science
 - Ecology, marine science, physics, space sciences, life sciences
 - Computer sciences, logic, mathematics, statistics, systems science
 - Electrical engineering, information technology
 - Electronics engineering, instrumentation engineering
 - Industrial engineering, mechanical engineering, applied physics
 - Health sciences and medicine, ceramic engineering
 - Computing technology, electronics, energy
 - Environmental engineering sciences, engineering physics
- Environmental technology
- Forestry science, materials engineering
- Microtechnology, nanotechnology, nuclear technology
- Optics, zoology, transportation
- Nanotechnology
 - Nano-materials and nanocomposites
 - Optical and electronic materials, nano-bio-computing
 - Nano-biotechnology, biosensors, bioelectronics and diagnostics
 - Biorobotics, biomedical image analysis, bionics,
 - Neural networks, artificial intelligence
 - Bioinformatics and computational biology
 - Protein structure, function and sequence analysis
 - Biomedical engineering, bioelectrical & neural engineering
 - Health monitoring systems and wearable system
 - Molecular & cellular systems, body's & cell's bio-signatures
 - Tissue engineering, neuroengineering
 - Biomedical image processing & analysis
 - Microarray technologies, biomedical data engineering
 - Biomaterials, data mining in pattern recognition
 - Automation science & engi-

- neering, nanoscale automation
- Bioinformatics, bio-molecular & phylogenetic databases
- Query languages, interoperability, bio-ontology and data mining
- Genes and their regulation, sequence search and alignment
- Protein structure prediction and molecular simulation
- Molecular evolution & phylogeny
- Functional genomics, proteomics
- Drug discovery, bio-science engineering
- Biological systems and models, biomedicine engineering
- Computational modeling & data integration
- Computational systems biology
- Gene regulation & transcriptomics
- Biochemistry and molecular biology of plants
- Biodiversity conservation, molecular bio sciences
- Molecular medicine, molecular microbiology & its applications
- Environmental engineering
 - Carbon abatement technologies
 - Co-firing with a CO_2 -neutral biomass
 - Super critical and IGCC coal-fired power plant
 - Saline aquifers, global environmental facility
 - Environmental impact assessment and mitigation
 - Water supply and treatment
- Waste water conveyance & treatment, honey bucket systems
- Solid waste management, scrubbers
- Carbon capture technologies, CO_2 transport, storage and use
- Global practices of environmental engineering law
- Underpinning technologies, electrostatic precipitators
- Catalytic converters, volatile organic compounds (VOC)
- Reactive organic gases, recycled container housing
- Hazardous waste management, green it concept
- Organic production of high-value products from seaweed
- Floating, ecological, multi-power source desalination plant
- Hyper-sound water-purifying system
- Treadmills that convert the rotation of the belt into electricity
- Designer shopping cloth bags
- Reusing instead of recycling packaging
- Environmental policy and regulation development
- All interdisciplinary and multi-disciplinary studies

Contact Information:

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(1) International Conference on Electrical and Electronics Engineering (ICEEE)

Date: 3-4 September 2016

Place: Tokyo, Japan

Topic Covered:

- Circuits and systems
- Analog circuits
- Digital circuits
- Mixed signal circuits
- Nonlinear circuits and systems
- Sensing and sensor networks
- Filters and data conversion circuits
- RF and wireless circuits
- Photonic and optoelectronic circuits
- Low power design and VLSI-physical design
- Biomedical circuits
- Assembly and packaging
- Test and reliability
- Advanced technologies (i.e. Mems and nano-electronic devices)
- Computers and information technology
- Computer architecture
- Computational biology and bio-informatics
- Knowledge & data engineering
- Learning technologies
- Multimedia services and technologies
- Mobile computing
- Parallel/distributed computing
- and grid computing
- Pattern analysis and machine intelligence
- Software engineering
- Visualization and computer graphics
- Communication systems
- Communication theory and information theory
- Antenna and propagation
- Microwave theory and techniques
- Modulation, coding, and channel analysis
- Networks design, network protocols and network management
- Optical communications
- Wireless/mobile communications & technologies
- Controls
- Control theory and applications
- Adaptive and learning control system
- Fuzzy and neural control
- Mechatronics
- Manufacturing control systems and applications
- Process control systems
- Robotics and automation
- Electrical power systems
- Power engineering and power systems
- Electromagnetic compatibility
- Energy conversion
- High voltage engineering and insulation

- Power delivery
- Power electronics
- Signal processing
- Signal processing theory
- Digital signal processing algorithms
- Digital filter design & implementation
- Array processing
- Adaptive signal processing
- Audio, speech and language processing
- Image processing
- Video processing
- Medical signal processing & medical imaging

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Website: <http://academicsera.com/Conference/Tokyo/1/ICEEE/>

(2) 63rd International Conference on Power Control and Embedded System (ICPCES)

Date: 4 September 2016

Place: Osaka, Japan

Topic covered:

- Power electronics & drives:
 - Modeling
 - Simulations and control of power electronics
 - Power electronics converters
 - Converters
- Dc-dc and ac-ac conversion
- Rectifiers
- Inverters
- PWM systems
- Electrical drives control and applications
- AC and DC motor drives
- Control systems & applications:
 - Physical system modeling
 - Advanced control techniques
 - Adaptive & nonlinear control
 - Optimal and robust control
 - Estimation and identification
 - Intelligent control
 - Industrial process control
 - Supervisory systems
 - Digital controllers
 - Multidimensional systems
 - Applications in industries
 - Micro-grid, smart-grid
 - Vehicles
 - Space
 - Biomedical systems etc.
 - Control engineering education
- Industrial instrumentation & communication:
 - Sensors and actuators
 - Virtual instrumentation and its applications
 - Robotics and mechatronics
 - Power line communication
 - Adhoc sensor and mesh networking
 - Field buses
 - Real-time ethernet networks

- Wireless sensor networks
- Hybrid network
- Network sensing systems
- Mobile and wireless communications
- Power conditioning & renewable energy
 - Facts and custom power devices
 - Power quality
 - Active and hybrid filtering
 - Power line conditioners
 - Ups
 - Advances in renewable energy technology
 - Wind, solar, biomass and wave energy systems
 - Fuel cells
 - Micro hydro power generation
 - Integrated renewable systems
 - Distributed generation
 - Micro-grid, smart-grid
 - Power system protection
- Signal processing & VLSI
 - Analog and digital signal processing
 - Mixed mode signal processing
 - Parallel processing
 - Image & sound processing
 - Remote sensing
 - Remote computing systems
 - Low power VLSI design
 - VLSI for communication

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(3) 65th International Conference on Communication and Signal Processing (ICCSPP)

Date: 10 September 2016

Place: Dubai, UAE

Topic covered:

- VLSI signal processing
- Mobile and cellular communications
- Vehicular communication networks
- Antennas, RF and microwave communications
- Optical communication
- Mimo and space time communications
- Cognitive radio and cognitive networks
- Satellite communication
- Ofdm and cdma communication receivers
- Bio signal processing
- Audio/speech processing and coding
- Statistical signal processing
- Signal processing for communications
- Image/video processing
- Array signal processing

- Digital signal processing
- Signal processing for security
- Signal processing and applications

Contact Information:

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Conference/Dubai/4/ICCSP/](http://researchworld.org/Conference/Dubai/4/ICCSP/)

(4) 44th International Conference On Electrical and Electronics Engineering (ICEEE)

Date: 11-12 September 2016

Place: Crete, Greece

Topic covered:

- Circuits and systems
- Analog circuits
- Digital circuits
- Mixed signal circuits
- Nonlinear circuits and systems
- Sensing and sensor networks
- Filters and data conversion circuits
- Rf and wireless circuits
- Photonic and optoelectronic circuits
- Low power design and vlsi physical design
- Biomedical circuits
- Assembly and packaging
- Test and reliability
- Advanced technologies (i.E. Mems and nano-electronic devices)
- Computers and information technology
- Computer architecture
- Computational biology and bio-informatics
- Knowledge & data engineering
- Learning technologies
- Multimedia services and technologies
- Mobile computing
- Parallel/distributed computing and grid computing
- Pattern analysis and machine intelligence
- Software engineering
- Visualization and computer graphics
- Communication systems
- Communication theory and information theory
- Antenna and propagation
- Microwave theory and techniques
- Modulation, coding, and channel analysis
- Management
- Optical communications
- Wireless/mobile communications & technologies
- Controls
- Control theory and applications
- Adaptive and learning control system
- Fuzzy and neural control

- Mechatronics
- Manufacturing control systems and applications
- Process control systems
- Robotics and automation
- Electrical power systems
- Power engineering and power systems
- Electromagnetic compatibility
- Energy conversion
- High voltage engineering and insulation
- Power delivery
- Power electronics
- Signal processing
- Signal processing theory
- Digital signal processing algorithms
- Digital filter design & implementation
- Array processing
- Signal processing
- Audio, speech and language processing
- Image adaptive processing
- Video processing
- Medical signal processing & medical imaging

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Conference/Greece/1/ICEEE/

(5) 70th International Conference on Communication and Signal Processing (ICCS)

Date: 24 September 2016

Place: Miami, USA

Topic Covered:

- VLSI signal processing
- Mobile & cellular communication
- Vehicular communication networks
- Antennas, RF and microwave communications
- Optical communication
- MIMO and space time communication
- Cognitive radio and cognitive networks
- Satellite communication
- OFDM and CDMA communication receivers
- Bio signal processing
- Audio / speech processing and coding
- Statistical signal processing
- Signal processing for communications
- Image/video processing
- Array signal processing
- Digital signal processing
- Signal processing for security
- Signal processing and applications

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<http://researchworld.org/>

Conference/2016/USA/3/ICCSP/

(6) 50th International Conference on Electrical and Electronics Engineering (ICEEE)

Date: 29-30 September 2016

Place: Dubai, UAE

Topic covered:

- Circuits and systems
- Analog circuits
- Digital circuits
- Mixed signal circuits
- Nonlinear circuits and systems
- Sensing and sensor networks
- Filters & data conversion circuits
- RF and wireless circuits
- Photonic & optoelectronic circuits
- Low power design and VLSI physical design
- Biomedical circuits
- Assembly and packaging
- Test and reliability
- Advanced technologies (i.e. MEMS, nano-electronic devices)
- Computers and information technology
- Computer architecture
- Computational biology and bioinformatics
- Knowledge and data engineering
- Learning technologies
- Multimedia services and technologies
- Mobile computing
- Parallel/distributed computing and grid computing
- Pattern analysis & machine intelligence
- Software engineering
- Visualization & computer graphics
- Communication systems
- Communication theory and information theory
- Antenna and propagation
- Microwave theory and techniques
- Modulation, coding, and channel analysis
- Networks design, network protocols & network management
- Optical communications
- Wireless/mobile communications & technologies
- Controls
- Control theory and applications
- Adaptive & learning control system
- Fuzzy and neural control
- Mechatronics
- Manufacturing control systems and applications
- Process control systems
- Robotics and automation
- Electrical power systems
- Power engineering and power

- systems
- Electromagnetic compatibility
- Energy conversion
- High voltage engineering and insulation
- Power delivery
- Power electronics
- Signal processing
- Signal processing theory
- Digital signal processing algorithms
- Digital filter design & implementation
- Array processing
- Adaptive signal processing
- Audio, speech and language processing
- Image processing
- Video processing
- Medical signal processing & medical imaging

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(7) International Expo on Electrical, Electronics, Instrumentation and Communication Engineering (IE3ICE-16)

Date: 1-2 October 2016

Place: Bangkok, Thailand

Topic covered:

- Nanoelectronics and microelectronics

- Power and applied electronics
- Microprocessor & microcontroller
- Very large scale integration
- Micro scale fabrication
- Electrical machines and drive systems
- Electric vehicle technologies
- Electrotechnologies
- High voltage and insulation technologies
- Power electronics and drive systems
- Power quality & electromagnetic
- Compatibility
- Power system reliability and security
- Power systems communication
- Semiconductor technology
- Signal and image processing
- Transmission of numerical images
- Embedded system security
- Intelligent control
- FPGA in outer space
- Nuclear microbatteries
- Nanotechnology
- Nanomachines
- Humanoid robots

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(1) International Congress on Food, Agricultural and Biological Sciences (ICFABS-16)

Date: 7-9 September 2016

Place: Istanbul, Turkey

Topic Covered:

- Chemical engineering
- Ecology
- Biology
- Agricultural engineering
- Food engineering
- Environmental engineering and technology
- Pharmanceutical sciences
- Medical sciences
- Genetics
- Life sciences

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(2) 11th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC)

Date: 21-22 September 2016

Place: London, United Kingdom

Topic Covered:

- Biomedical engineering and systems
- Biomedical signal processing

- and health informatics
- Biomedicine engineering
- Devices, materials and instrumentation
- Medical imaging, image and signal processing
- Modeling, simulation, systems and control
- Stem cells and cancer research and treatment
- Cell science and stem cell research
- Stem cell transplantation
- Tumour science
- Diseases and stem cell treatment
- Cell signaling technology
- Apoptosis and disease
- Cell science and development
- Stem cell medicine: social and political challenges
- Genome analysis
- Phylogenetics
- Analysis of high throughput biological data
- Next generation sequencing and sequence analysis
- Healthcare and diseases
- E-health
- Bioscience engineering
- Biomechanics
- Healthcare technology
- Bioinformatics and computational biology
- Structural bioinformatics
- Advances in biotechnology

- Applied biotechnology
- Life sciences (zoology, botany, biochemistry, ecology)

Contact Information:

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Website: <http://iaphlsr.org/11th-international-conference-on-biotechnology-bio-informatics-bio-medical-sciences-and-stem-cell-applications-b3sc-21-22-sept-2016-london-about-27>

(3) 6th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC)

Date: 21-22 October 2016

Place: Hong Kong

Topic covered:

- Biomedical engineering and systems
- Biomedical signal processing and health informatics
- Biomedicine engineering
- Devices, materials and instrumentation
- Medical imaging, image and signal processing
- Modeling, simulation, systems and control
- Stem cells and cancer research and treatment
- Cell science and stem cell research

- Stem cell transplantation
- Tumour science
- Diseases and stem cell treatment
- Cell signaling technology
- Apoptosis and disease
- Cell science and development
- Stem cell medicine: social and political challenges
- Genome analysis
- Phylogenetics
- Analysis of high throughput biological data
- Next generation sequencing and sequence analysis
- Healthcare and diseases
- E-health
- Bioscience engineering
- Biomechanics
- Healthcare technology
- Bioinformatics and computational biology
- Structural bioinformatics
- Advances in biotechnology
- Applied biotechnology
- Life sciences (zoology, botany, biochemistry, ecology)

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Website: <http://iaphlsr.org/6th-international-conference-on-biotechnology-bio-informatics-bio-medical-sciences-and-stem-cell-applications-b3sc-21-22-oct-2016-hong-kong-about-9>

(4) 82nd International Conference on Medical and Biosciences (ICMBS)

Date: 7-8 November 2016

Venue: Pune, Maharashtra, India

Topics covered:

- Nanotechnology for medicine and the biosciences
- Nanofabrication and microengineering techniques
- Biomolecules, precision machining of biomaterials with lasers
- Life processes in human beings
- Biochemistry and biophysics
- Molecular biology
- Medical Science
- Biochemical genetics
- Structural biology
- Mechanism of transcription and translation
- Chromatin structure
- Mechanism of antibiotic resistance
- Molecular chaperones
- Cell membrane recognition
- Ecology, evolution and population biology

Contact Information:

Conference Coordinator

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[Conference/2016/India/1/ICMBS/](http://researchworld.org/Conference/2016/India/1/ICMBS/)

(5) International Congress on Agriculture, Food Nutrition, and Biological Sciences (ICAFNBS-2016)

Date: 15-16 November 2016

Place: Kuala Lumpur, Malaysia

Topic Covered:

- Ecology
- Agricultural engineering
- Food engineering
- Environmental engineering and technology
- Pharmaceutical sciences
- Medical sciences
- Genetics
- Life sciences
- Agriculture
- Soil
- Water
- Earth sciences
- Food safety
- Nutrition
- Forestry
- Biology
- Biodiversity
- Biotechnology
- Biogerontology
- Biomedical
- Genetics
- Waste management
- Health

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(6) AARESOC Web Based International Conference on Medical and Life Sciences (AARESOC WBICMLS-2016)

Date: 28-30 November 2016

Place: United States of America

Topic Covered:

- Alternative health, family medicine
- Hematology, hepatology, cardiology
- Dermatology, oncology, neurology
- Infectious diseases, surgery
- Critical care, emergency medicine
- Ayurvedic medicine
- Obstetrics and gynaecology

- Medical ethics
- Veterinary medicine & science
- Medicine and all of its branches
- Microbiology, biochemistry, bio-engineering
- Botany, zoology, ecology, paleontology
- Neurobiology, biotechnology, mycology
- Toxicology, cell biology, biomechanics
- Life sciences and all of its branches

Contact Information:

Conference Chair AARESOC-WBICMLS 2016

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Website: <http://www.aaresoc.org/wbicmls>

(1) 95th International Conference on Advances in Business Management and Information Technology (ICABMIT)

Date: 30-31 August 2016

Place: Copenhagen, Denmark

Topic covered:

- Information technology
- Artificial neural networks, fuzzy systems and hybrid systems
- Computational intelligence and evolutionary computation
- Data communication, computer network and security & forensic
- Decision support and recommender systems
- Data mining, knowledge discovery, and knowledge management
- Image processing and pattern recognition
- Information retrieval, natural language processing, and ontology
- Software engineering and software development
- Web application and web service
- Computer science & engineering
- Information technology and computer education
- Other topics related to ICT and its applications
- Business management
- Intellectual property brands and branding
- Finance, economics and hedge

funds

- Insurance and takaful
- Managing risk, corporate social responsibility
- Accounting, banking control & supervision
- Internet banking and emerging markets
- E-commerce & entrepreneurship
- Sustainable development
- Technology transfer and management
- Supply chain management
- Networking and outsourcing
- Marketing and market entry
- Human capital, creativity & innovation
- Disaster management
- Venture capital and private equity
- Leadership, total quality control in business
- Hospitality management
- New product development
- Corporate valuation and IPOS
- Environmental protection & public policy
- Any other topic related to Business Management

Contact Information

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Conference/Denmark/1/ICABMIT/

(2) 72nd International Conference on Economics, Management and Social Study (ICEMSS)

Date: 1 September 2016

Place: Malacca, Malaysia

Topics covered:

- Economics
 - Economic growth and job creation
 - Business dynamics
 - Owner and business characteristics
 - Innovation
 - Regulatory and tax environment
 - Financing and access to capital
 - Geographic considerations/ regional clusters
 - Globalization and trade
 - Emerging economies and economic development
 - Evidence-based policy analysis
 - Data and research gaps
- Management
 - Organizations and technology management
 - Production and operations management
 - Project and quality management
 - Purchasing and supply management
 - Decision and risk analysis
 - Contract management

- Knowledge management
- R&d strategies
- Social study
 - Social and community studies
 - Civic and political studies
 - Cultural studies
 - Global studies
 - Environmental studies
 - Organizational studies

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(3) 73rd International Conference on Management and Information Technology (ICMIT)

Date: 3 September 2016

Place: Rome, Italy

Topic Covered:

- Information technology
 - Artificial neural networks, fuzzy systems and hybrid systems
 - Computational intelligence and evolutionary computation
 - Data communication, computer network and security & forensic
 - Decision support and recommender systems
 - Data mining, knowledge discovery, and knowledge management
 - Image processing and pattern recognition

- Information retrieval, natural language processing, and ontology
- Software engineering and software development
- Web application and web service
- Computer science and engineering
- Information technology and computer education
- Other topics related to ICT and its applications
- Management
 - Intellectual property
 - Brands and branding
 - Finance, economics and hedge funds
 - Insurance and takaful
 - Managing risk, corporate social responsibility
 - Accounting, banking control & supervision
 - Internet banking and emerging markets
 - E-commerce and entrepreneurship
 - Sustainable development
 - Technology transfer and management
 - Supply chain management
 - Networking and outsourcing
 - Marketing and market entry
 - Human capital, creativity & innovation
 - Disaster management
 - Venture capital and private equity
- Leadership, total quality control in business
- Hospitality management
- New product development
- Corporate valuation and ipos
- Environmental protection & public policy
- Any other topic related to business management

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Conference Coordinator

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Event Enquiries Email Address -
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Website <http://academicsworld.org/Conference/Rome/ICMIT/>

(4) International Conference on Management and Information Technology (ICMIT)

Date: 24-25 September 2016

Place: Oxford, United Kingdom

Topic Covered:

- Management
 - Intellectual property
 - Brands and branding
 - Finance, economics and hedge funds
 - Insurance and takaful
 - Managing risk, corporate social responsibility
 - Accounting, banking control & supervision
 - Internet banking and emerging markets
 - E-commerce and entrepreneurship

- Sustainable development
- Technology transfer and management
- Supply chain management
- Networking and outsourcing
- Marketing and market entry
- Human capital, creativity & innovation
- Disaster management
- Venture capital and private equity
- Leadership, total quality control in business
- Hospitality management
- New product development
- Corporate valuation and ipos
- Environmental protection & public policy
- Any other topic related to business management
- Information technology
 - Artificial neural networks, fuzzy systems and hybrid systems
 - Computational intelligence and evolutionary computation
 - Data Communication, Computer network and security & forensic
 - Decision support and recommender systems
 - Data mining, knowledge discovery, and knowledge management
 - Image processing and pattern recognition
 - Information retrieval, natural language processing, and

ontology

- Software engineering and software development
- Web application and web service
- Computer science and engineering
- Information technology and computer education
- Other topics related to ict and its applications

Contact Information:

Conference Coordinator

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Website: <http://academicworld.org/Conference/OxfordUnitedKingdom/ICMIT/>

(5) 103rd International Conference on Advances in Business Management and Information Technology (ICABMIT)

Date: 30 September 2016

Place: Abu Dhabi, United Arab Emirates

Topic Covered:

- Information technology
 - Artificial neural networks, fuzzy systems and hybrid systems
 - Computational intelligence and evolutionary computation
 - Data communication, computer network and security & forensic
 - Decision support and recommender systems

- Data mining, knowledge discovery, and knowledge management
- Image processing and pattern recognition
- Information retrieval, natural language processing, and ontology
- Software engineering and software development
- Web application and web service
- Computer science and engineering
- Information technology and computer education
- Other topics related to ICT and its applications
- Business management
 - Intellectual property brands and branding
 - Finance, economics and hedge funds
 - Insurance and Takaful
 - Managing risk, corporate social responsibility
 - Accounting, banking control & supervision
 - Internet banking and emerging markets
 - E-commerce and entrepreneurship
 - Sustainable development
 - Technology transfer and management
 - Supply chain management
 - Networking and outsourcing
 - Marketing and market entry
 - Human capital, creativity & innovation
 - Disaster management
 - Venture capital and private equity
 - Leadership, total quality control in business
 - Hospitality management
 - New product development
 - Corporate valuation and ipos
 - Environmental protection & public policy
 - Any other topic related to business management

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UAE/4/ICABMIT/](http://theiier.org/Conference/UAE/4/ICABMIT/)

(1) ISER-60th International Conference on Nanoscience, Nanotechnology & Advanced Materials (IC2NAM)

Date: 21 September 2016

Place: Jerusalem, Israel

Topic covered:

- Novel nanomaterials and self-organisation
- Synthesis of nanoparticles
- Surface physics
- Surface alloys and nano-alloys
- Surface chemistry and catalysis
- Surface structure
- Inelastic tunneling spectroscopy
- Oxides ultra-thin films
- Molecular self-assembly
- Molecule on surfaces
- Supramolecular architectures
- Semiconductor nanostructures
- Quantum dots
- Nano-wires
- Single photons emitters
- Graphene and carbon nano-tubes
- Nano-optics
- Nano-antenna
- Plasmonics
- Scanning near field optics
- IR spectroscopy
- Thermal radiation
- Photon emission
- Spintronics and nanomagnetism
- Magnetic force microscopy
- Molecular spintronics
- Kondo effect
- Single spin manipulation
- Magnetic resonance (magnetic resonance force microscopy)
- Spin polarized stm
- Molecular and nano-electronic
- Electronic transport
- Mesoscopic systems
- Topological insulators
- Strongly correlated systems
- Scanning tunneling spectroscopy
- Molecular electronics
- Scanning gate microscopy
- Low dimensional systems
- Scanning probe microscopy and instrumentation
- High speed AFM
- Forces measurements
- Cryogenic dissipation force microscopy
- NANO-MRI
- LT and high magnetic field STM
- Nano-biology & nano-medicine
- Imaging of biomolecules
- Bio-inspired systems
- NC–AFM
- Nanosystems, nanomechanics and manipulation
- Opto-mechanical coupling
- Nanotribology
- Friction

Contact Information:

Conference Coordinator

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Website: <http://iser.co/conference/JerusalemIsrael/IC2NAM/>

(2) ISER-61st International Conference on Nanoscience, Nanotechnology & Advanced Materials (IC2NAM)

Date: 22 September 2016

Place: Nairobi , Kenya

Topic Covered:

- Novel nanomaterials and self-organisation
- Synthesis of nanoparticles
- Surface physics
- Surface alloys and nano-alloys
- Surface chemistry and catalysis
- Surface structure
- Inelastic tunneling spectroscopy
- Xides ultra-thin films
- Molecular self-assembly
- Molecule on surfaces
- Supramolecular architectures
- Semiconductor nanostructures
- Quantum dots
- Nano-wires
- Single photons emitters
- Graphene and carbon nano-tubes
- Nano-optics
- Nano-antenna
- Plasmonics
- Scanning near field optics
- IR spectroscopy
- Thermal radiation
- Photon emission
- Spintronics and nanomagnetism
- Magnetic force microscopy
- Molecular spintronics
- Kondo effect
- Single spin manipulation
- Magnetic resonance (magnetic resonance force microscopy)
- Spin polarized STM
- Molecular and nano-electronic
- Electronic transport
- Mesoscopic systems
- Topological insulators
- Strongly correlated systems
- Scanning tunneling spectroscopy
- Molecular electronics
- Scanning gate microscopy
- Low dimensional systems
- Scanning probe microscopy and instrumentation
- High speed AFM
- Forces measurements
- Cryogenic dissipation force microscopy
- NANO - MRI
- LT and high magnetic field STM
- Nano-biology and nano-medicine
- Imaging of biomolecules
- Bio-inspired systems
- NC – AFM
- Nanosystems, nanomechanics and manipulation
- Opto-mechanical coupling
- Nanotribology

- Friction

Contact Information:

Conference Coordinator

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Website: <http://iser.co/conference/NairobiKenya/IC2NAM/>

(3) 2nd International Conference on Smart Material Research (ICSMR)--SCOPUS, Ei

Date: 22-24 September 2016

Place: Istanbul, Turkey

Topic Covered:

- Materials science & engineering
 - Metallic alloys
 - Tool materials
 - Superplastic materials
 - Ceramics and glasses
 - Composites
 - Amorphous materials
 - Nano-materials
 - Biomaterials
 - Multifunctional materials
 - Smart materials
 - Engineering polymers
 - Functional materials
 - Nuclear fuel materials
 - Biomaterials
 - Sensors and surfaces
 - Thin film chalcogenide
 - Photovoltaic materials
 - Nuclear materials IV
 - Magnetic materials
 - Multi functional magnetic

materials

- Superconducting materials
- Structured materials
- Spintronics materials and devices
- Hard/soft magnetic materials
- Crosscutting materials
- Materials properties, measuring methods and applications
 - Ductility
 - Crack resistance
 - Fatigue
 - Creep-resistance
 - Fracture mechanics
 - Mechanical properties
 - Electrical properties & magnetic properties
 - Corrosion
 - Erosion
 - Wear resistance
 - Non-destructive testing
 - Reliability assessment
 - Toxicity
 - Working properties of materials and products
 - Large scale applications
 - Electronics applications
- Methodology of research and analysis and modeling
 - Electron microscopy
 - X-ray phase analysis
 - Metallographic
 - Quantitative metallographic
 - Image analysis
 - Computer assistance in the engineering tasks and scien-

- tific research
- Numerical techniques
- Statistic methods
- Residual life analysis
- Process systems design
- Mould flow analysis
- Rapid prototyping
- CAM
- CAQ
- Engineering design
- Technological design
- Materials design
- Computational material science
- Materials and engineering databases
- Expert systems
- Artificial intelligence methods
- Materials manufacturing and processing
 - Casting
 - Powder metallurgy
 - Welding
 - Sintering
 - Heat treatment
 - Thermo-chemical treatment
 - Thin & thick coatings
 - Surface treatment
 - Machining
 - Plastic forming
 - Quality assessment
 - Automation engineering processes
 - Robotics
 - Mechatronics
- Technological devices and equipment
- Theoretical fundamentals of cleaner production
- Industrial application of cleaner production methods
- Production and operations management
- Production planning & control
- Manufacturing technology management
- Quality management
- Environmental management
- Safety & health management
- Project management
- Physical distribution & logistics management
- Supply chain management, productivity and performance management

Contact Information:

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(4) 62nd International Conference on Nanoscience, Nanotechnology & Advanced Materials (IC2NAM)

Date: 25 September 2016

Place: Brussels, Belgium

Topic covered:

- Novel nanomaterials and self-organisation
- Synthesis of nanoparticles
- Surface physics
- Surface alloys and nano-alloys

- Surface chemistry and catalysis
- Surface structure
- Inelastic tunneling spectroscopy
- Oxides ultra-thin films
- Molecular self-assembly
- Molecule on surfaces
- Supramolecular architectures
- Semiconductor nanostructures
- Quantum dots
- Nano-wires
- Single photons emitters
- Graphene & carbon nanotubes
- Nano-optics
- Nano-antenna
- Plasmonics
- Scanning near field optics
- IR spectroscopy
- Thermal radiation
- Photon emission
- Spintronics and nanomagnetism
- Magnetic force microscopy
- Molecular spintronics
- Kondo effect
- Single spin manipulation
- Magnetic resonance (magnetic resonance force microscopy)
- Spin polarized STM
- Molecular and nano-electronic
- Electronic transport
- Mesoscopic systems
- Topological insulators
- Strongly correlated systems
- Scanning tunneling spectroscopy
- Molecular electronics
- Scanning gate microscopy
- Low dimensional systems
- Scanning probe microscopy and instrumentation
- High speed AFM
- Forces measurements
- Cryogenic dissipation force microscopy
- Nano - MRI
- LT and high magnetic field STM
- Nano-biology and nano-medicine
- Imaging of biomolecules
- Bio-inspired systems
- NC – AFM
- Nanosystems, nanomechanics and manipulation
- Opto-mechanical coupling
- Nanotribology
- Friction

Contact Information:

Conference Coordinator

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Website <http://iser.co/conference/BrusselsBelgium/IC2NAM/>

(5) 2nd International Congress on the World of Technology and Advanced Materials (WITAM2016)

Date: 28 September-2 October 2016

Place: Kirsehir, Turkey

Topic Covered:

- Materials

- Metamaterials, applications
- Synthesis
- Functional materials
- Polymer materials
- Composite & ceramic materials
- Nanomaterials & nanotechnology
- Biomaterials and healthcare applications
- Optical, electronic, magnetic and spintronic materials
- Spectroscopy
- Condensed matter & statistical physics
- Energy
- Theoretical and computational sciences
- Free topics
- Inelastic tunneling spectroscopy
- Oxides ultra-thin films
- Molecular self-assembly
- Molecule on surfaces
- Supramolecular architectures
- Semiconductor nanostructures
- Quantum dots
- Nano-wires
- Single photons emitters
- Graphene & carbon nanotubes
- Nano-optics
- Nano-antenna
- Plasmonics
- Scanning near field optics
- IR spectroscopy
- Thermal radiation
- Photon emission

Contact Information:

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(6) 77th International Conference on Nanoscience, Nanotechnology and Advanced Materials (IC2NM)

Date: 12-13 October 2016

Place: Chengdu, China

Topic Covered:

- Novel nanomaterials and self-organisation
- Synthesis of nanoparticles
- Surface physics
- Surface alloys and nano-alloys
- Surface chemistry and catalysis
- Surface structure
- Spintronics and nanomagnetism
- Magnetic force microscopy
- Molecular spintronics
- Kondo effect
- Single spin manipulation
- Magnetic resonance (magnetic resonance force microscopy)
- Spin polarized STM
- Molecular and nano-electronic
- Electronic transport
- Mesoscopic systems
- Topological insulators
- Strongly correlated systems
- Scanning tunneling spectroscopy
- Molecular electronics
- Scanning gate microscopy

- Low dimensional systems
- Scanning probe microscopy and instrumentation
- High speed AFM
- Forces measurements
- Cryogenic dissipation force microscopy
- Nano - MRI
- LT and high magnetic field STM
- Nano-biology & nano-medicine
- Imaging of biomolecules
- Bio-inspired systems
- NC–AFM
- Nanosystems, nanomechanics and manipulation
- Opto-mechanical coupling
- Nanotribology
- Friction
- Micro alloyed steels
- Ultra high strength steel
- Aluminium alloys as automobile material
- Mg as future automobile material
- Dissimilar metal welding
- Coatings for Al & Mg alloys
- Plastics & composites
- Defence
 - Advanced materials for gas turbines
 - Composite materials for aerospace application
 - Materials for re-entry space vehicles
 - Smart materials/coatings for armor application
 - Materials for sea water system (valves, pumps, pipings)
 - Shape memory alloys
 - Modern coatings for ship hull
- Power
 - Materials for super critical thermal power plants
 - Material related problems in nuclear power
 - New generation materials for solar application
 - Light water reactors
 - Molten salt reactors
 - Alternative material for wind mill turbine
 - Materials for efficient power distribution
- Infrastructure
 - Modern re-bar materials with

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Conference Coordinator

E-mail: info@academicworld.org

Website: <http://academicworld.org/Conference/ChengduChina/IC2NM/>

(7) International Conference: Emerging Materials & Processes for Defence and Infrastructure

Date: 12-14 October 2016

*Venue: CIDCO Exhibition Centre,
Navi Mumbai, India*

Topic Covered:

- Materials
 - Lightweight technology for automotive
 - Conventional steel
- Infrastructure
 - Modern re-bar materials with

- suitable corrosion protection technology
- Support material for long products - ropes, rods, angles etc. for large structures like bridges, flyovers, etc.
- New materials related to bullet trains, metro rail, super high-ways, waterways
- Technology & processing
 - Laser material processing - laser welding, heat treatment, surface modification, laser forming, etc.
 - Thermal spray & plasma processes
 - Nano technology
 - Amorphous materials
 - Corrosion protection technology

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(8) International Conference: Advanced Heat Processing

Date: 12-14 October 2016

Venue: CIDCO Exhibition Centre,
Navi Mumbai, India

Main topics covered:

- Advances in surface treatments
- Innovations in heat treatment processes

- Innovations in heat treatment furnaces and systems
- Green technologies
- Emerging technologies (laser hardening, plasma ion nitriding, etc)
- Innovations for cost reduction
- Analysis and characterisation of heat treated components
- Process control, automation and instrumentation
- Trouble shooting and failure analysis
- Heat treatment standards-NAD-CAP, CQI9 certification requirements
- Safety & environment protection
- Developments in insulation and refractory materials

Following subjects shall be covered under these main topics:

- Low & high temperature heat treatment processes
- Vacuum technology, cryogenics, thermo-mechanical processing
- Induction heating, laser, plasma & microwave heat treatment process
- Furnace, ovens, heating elements & sensors
- Recycling & reclamation of process gases, environmental aspects
- Applications, ferrous & non-ferrous parts, case studies
- Cost reduction & performance improvement
- Heat treatment of welded parts

- Standards & specifications

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**(9) International Conference
on Materials Engineering and
Biomaterials (ICMEB 2016)**

Date: 15-17 October 2016

Place: Hong Kong, China

Topic Covered:

- Controlled release of bioactive agents
- Interactions of biomaterials and cells
- Integration in tissues
- Functionalization and bioactivity
- Biomimetic approaches and advanced applications in tissue engineering
- Hard tissues and materials
- Soft tissues and materials
- Natural, biologically inspired and biomimetic materials
- Metals & ceramics as biomaterials
- Mechanobiology (development, physiology and disease)
- Regenerative medicine and tissue engineering
- Multiscale modelling & simula-

tion of tissue mechanical properties

- Multiscale experimental characterization of tissue mechanical properties
- Hierarchical polymer materials and composites
- Self-assembly of biological and biomaterials
- Tribology, friction and wear as well as fatigue
- Materials failure in physiologically extreme conditions and disease

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