



# F I C M S T

## **Forthcoming International Conferences on Military Science & Technology**

**Vol. 10 No. 3 March 2015**

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## **About the FICMST**

DESIDOC brings out a range of services and products to keep its users updated. The Forthcoming International Conferences on Military Science & Technology (FICMST) service 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 forthcoming events, both national and international, in defence-related areas.
- To help the scientific community 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 and website addresses are also provided to help interested scientists/researchers get complete information about the conferences.

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### **International Postgraduate Conference on Aerospace, Manufacturing and Mechanical Engineering 2015**

*Date: 12-13 May 2015*

*Location: Langkawi, Malaysia*

*Topics Covered:*

- Software synthesis for aerospace
- Model-based approaches to software and software-intensive system designing
- Compositional and hierarchical design approaches for reducing and managing
- Complexity
- Approaches to building intelligent and adaptive systems within a safety-critical framework
- The generation of code that is correct-by-construction
- Design of maintainable systems
- Software analysis for aerospace
- Verification and validation for aerospace
- Security analysis for aerospace communications,
- Compositional analysis of code for scalability
- Automated testing techniques
- Statistical techniques(including data mining and learning) for program and software
- Behaviour analysis
- Aerospace system integration
- Architectures for safety-critical aerospace systems containing software, hardware, and people
- Approaches to, benefits of, and limitation of integrated Modular Avionics frameworks
- Human-computer interaction including intelligent cockpits/control tower
- Adaptive airspace implementations
- Aerospace software policy and implementation
- Certificate of software systems, including Do-178, Do-278, and safety-case based approaches
- Decision-making in air systems, including both autonomy and human factors issues
- Creating and maintaining a skilled workforce for aerospace software
- Manufacturing engineering
- Aerospace engineering
- Aerospace systems and technology
- Aerospace system integration
- Architectures for safety-critical aerospace systems containing software, hardware, and people
- Concurrent engineering
- PDM, PLM, collaborative product design & commerce
- Condition monitoring and vibration analysis
- Reliability engineering
- Industrial tribology
- Applications of AI techniques in design and manufacturing
- Modelling & optimization of systems and processes

- Automation and robotics
- Non-traditional manufacturing
- Advanced metal forming, welding & costing techniques
- Agile & lean manufacturing
- Logistics and SCM

*Contact Information:*

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<http://ipcamme2015.weebly.com/>

### **International Conference on Unmanned Aircraft Systems**

*Date: 9-12 June 2015*

*Location: Denver Marriott, Tech Center, Denver, Colorado, USA*

*Topics Covered:*

- Airspace control
- Airspace management
- Airworthiness
- Air vehicle operations
- Autonomy
- Biologically inspired UAS
- Certification
- Control architectures
- Environmental issues
- Frequency management
- See-and-avoid systems
- Security
- Sensors
- Simulation
- Standardization
- Swarms
- Technology challenges
- Integratio, interoperability
- Manned/unmanned aviation
- Micro- and mini- UAS
- Navigation

- Networked swarms
- Payloads
- Path planning
- Regulations
- Reliability of UAS, risk analysis

*Contact Information:*

<http://www.uasconferences.com/#>

### **6th European Conference for Aeronautics and Space Sciences**

*Date: 29 June-3 July 2015*

*Location: Krakow, Poland*

*Topics Covered:*

- System integration on aircraft and space launch vehicles
- Flight physics for aircraft and launch vehicles including re-entry bodies
- Structures and materials for aeronautic and space systems
- Flight dynamics/GNC and avionics for aeronautic and space applications
- Propulsion physics for air-breathing and rocket engines

*Contact Information:*

<http://www.eucass2015.eu/>

### **6th International Conference on Mechanical and Aerospace Engineering**

*Date: 16-17 July 2015*

*Location: Roma, Italy*

*Topics Covered:*

- Acoustics and noise control
- Advanced energy sources
- Advanced in-space propulsion & power concepts

- Advanced thermal control technologies
- Advances in space propulsion
- Aerodynamics
- Automation, mechatronics and robotics
- Ballistics
- CAD/CAM/CIM/CFD
- Computational mechanics
- Engineering materials
- Fatigue and fracture
- Geomechanics
- Robotic automation and control
- Structural dynamics
- Sensors
- Smart materials
- Space science and technology roadmaps
- Tribology
- Turbulence
- Vibrations
- European aerospace defense technological base applied in multinational programs: industry and operator experience with Eurofighter, A400M and NH90.
- Air transport over Europe connecting airport cities: flying more environmentally friendly at reduced cost
- Cockpit of future with reduced pilot interaction
- Maintenance repair and overhaul: Greater efficiency, consolidation and improving customization
- Collaborative engineering in aircraft design: integrated physical teams and virtual manufacturing. Clean space: developing new technologies to safeguard terrestrial & orbital environments, controlled re-entry, green propellants, removal of space debris.

### *Contact Information:*

Ms. Renne Gao, Conference Secretary

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<http://www.icmae.org/>

### **5th CEAS Air & Space Conference**

*Date: 7-11 September 2015*

*Location: Delft University of Technology (The Netherlands)*

*Topics Covered:*

- Airworthiness challenges of new flight vehicles and emerging technologies (like composite structures)

- Future education and training needs (life-long) for aviation engineers and researchers in Europe.
- Virtual hybrid testing in aeronautics: future role of large scale testing.

### *Contact Information:*

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Amsterdam, The Netherlands

E-mail: [info@ceas2015.org](mailto:info@ceas2015.org)

<http://www.ceas2015.org/>



## **Fifth International Conference on Communication Systems and Network Technologies**

*Date- 4-6 April 2015*

*Location: Gwalior, India*

*Topic Covered:*

- Computational intelligence: Algorithm, application
- Soft computing, fuzzy systems and ANN
- Sensors and sensor networks
- Acoustic and under water communication
- Security and authentication
- Air interface, wave propagation and antennas
- Mathematical modelling and simulation
- Data mining, web technology and ontology
- Parallel and distributed systems
- Microwave theory and techniques
- Microwave devices and circuits
- Mobile communication and adhoc networks
- IT and management
- RFIDs and applications
- Embedded systems design and hardware implementation
- Cloud and green computing
- Vehicular technology and networks
- Image, speech and signal processing
- Computer vision and AI
- Biometry and bio-informatics
- Information security and network security
- Simulation and hardware implementation techniques
- Nano technology
- Remote sensing
- E-commerce
- Robotics and macaronis
- Control systems, power systems, transmission system
- Big data and internet of things
- MIMO and MEMS
- VLSI and SOCs

Special session on Clean Energy and sustainable Technology in VLSI

*Contact information*

[www.edas.info/csnt2015](http://www.edas.info/csnt2015)

<http://www.csnt.in>

## **3rd International Conference on Fundamentals of Software Engineering (FSEN'09)**

*Date: 15-17 April 2015*

*Location: Kish Island, Persian Gulf, Iran*

*Topics Covered:*

- Programs and systems models
- Software specification, validation and verification
- Software architectures and description languages
- Object and multi-agent systems
- Feature interaction
- Integration of formal and informal methods
- Component-based development
- Service-oriented development

- Model checking and theorem proving
- Software and hardware verification
- CASE tools and tool integration
- Application to industrial cases

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### **IEEE Information Theory Workshop**

*Date: 26 April-1 May 2015*

*Location: Jerusalem, Israel*

*Topics Covered:*

- IT and CS
  - Learning, universal coding, empirical design
  - Interactive communication, protocols
  - IT and networks
  - Single-letter characterization and structured codes
  - Network coding
- IT and estimation/signal processing
  - MMSE
  - Wiener estimation for coding
  - Sparse processing
- Codes for special applications
  - Lattice codes
  - Memory systems, distributed storage

*Contact Information:*

<http://itw2015.eew.technion.ac.il/about/contacts/>

### **IACC—2015 IEEE International Advance Computing Conference**

*Dates: 12-13 June 2015*

*Location: Banglore, India*

- High performance computing
  - Cloud computing
  - Grid computing
  - Compiler design for high performance computing
  - Distributed computing
  - Bridging network and architecture
  - Load balancing techniques
  - Resource management and scheduling
  - Operating system development for high performance computing
  - Parallel and distributed algorithms
  - Quantum computing.
  - Scalable servers and systems
  - Embedded systems
  - VLSI Technologies in performance computing
  - FPGA algorithms in performance computing
- Advances in communication and networks
  - Ad-hoc networks
  - Cryptography
  - Cyber law and security
  - Ethical hacking approaches
  - Fraud control techniques
  - High speed networks
  - Information and system security

- Mobile computing algorithms
- Multimedia signal processing techniques
- Network security and privacy policies
- Reliable computing methods
- RFID applications
- Computations in emerging computer systems
- Software development for mobile devices
- Trusted computing approaches
- Innovations in wireless communication
- Novelty in wireless sensor networks
- Advance algorithms
  - Approximation algorithms
  - Parallel and distributed algorithms
  - External-memory algorithms
  - Graph-based algorithms
  - Network algorithms
  - On-line algorithms
  - Optimization algorithms
  - Parallel algorithms
  - Pattern matching algorithms
  - Randomized algorithms
  - Streaming algorithms
- Artificial intelligence and image processing
  - Biometric authentication and recognition algorithms
  - Pattern recognition techniques
  - Computer vision approaches
  - Compression techniques
- Document analysis
- Image/video coding and transmission methods
- Machine learning and data mining techniques
- Multimedia applications
- Data management
  - Data mining methods and applications
  - Knowledge discovery in databases
  - Query optimization techniques
  - Search engine optimization algorithms
- Social network analysis
  - Applications of social network analysis
  - Link prediction methods
  - Community discovery and analysis
  - Crowd sourcing large-scale graph algorithms
  - Misbehavior detection in communities
  - Opinion mining methods
  - Multi-agent based social network modeling and analysis
  - Trust networks and evolution
  - Visual representation of dynamic social networks

*Contact Information:*

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Phone: +91-80-26603962

<http://iacc2015.com>

### **ISTA'15—International Symposium on Intelligent Systems Technologies and Applications**

*Dates: 10-13 August 2015*

*Location: Kochi, India*

*Topic Covered:*

- Agents and multi-agent systems
- Causal discovery and inference
- Cloud robotics
- Cognitive modelling
- Distributed intelligence
- Expert systems
- Fuzzy techniques and systems
- Genetic algorithms and evolutionary computing
- Hybrid intelligent systems
- Information forensics and security
- Intelligent agents and multi-agent systems
- Intelligent communication systems
- Intelligent network protocols
- Intelligent control systems
- Intelligent manufacturing systems
- Intelligent mechatronics
- Paraphrasing
- Semantic media processing
- Sensing, clustering and classification
- Smart grid communications
- Social recommender systems
- Spatial & temporal reasoning
- Rough sets
- Artificial life
- Bioinformatics using intelligent techniques
- Biologically inspired computation
- Compressive sensing
- Deep learning technology
- Information agents on the internet
- Intelligent e-business and e-learning
- Intelligent information retrieval
- Intelligent signal processing
- Intelligent tutoring and
- Intelligent semiconductor devices and circuits
- Knowledge discovery and data mining
- Knowledge-based systems
- Machine learning
- Neural networks
- Processing
- Intelligent tutoring and coaching systems
- Intelligent user interfaces
- Intelligent web mining & applications
- Internet computer vision
- Smart living technology
- Smart sensor networks

*Contact Information:*

<http://icacci-conference.org/ista2015/>

### **IRAJ-International Academic Conference on Electrical & Electronics Engineering (IACEEE)**

*Date: 5 April 2015*

*Location: Nagpur, India*

*Topic Covered:*

- Electronics engineering
- Radio engineering
- Telecommunications
- Control systems
- Signal processing
- Systems engineering
- Control engineering
- Microelectronics
- Signal processing
- Telecommunications engineering
- Instrumentation engineering
- Signals and systems
- PDA
- Digital & analog communication
- Digital & analog circuits and application
- Nanotechnology
- Digital synchronous machines
- Timers, microwave and radar technology
- Optoelectronic circuits
- Semiconductor devices
- VLSI
- Digital signal and image processing, etc
- Electrical engineering
- Transmission lines
- Microwave theory & application
- Automation, control and instrumentation

- Power electronics
- Wind power generation
- Power management system
- Electrical and electronic materials
- Electrical conductivity
- Optical fibres–principles and applications
- Network & coupled circuits
- Self-tuning regulators
- Power station

*Contact Information:*

<http://iraj.in/Conference/2015/Nagpur/IACEEE1/>

### **20th International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (ICTAEECE-2015)**

*Date: 1 May 2015*

*Location: Kuala Lumpur, Malaysia*

*Topic Covered:*

- Electronics engineering
- 3D semiconductor device technology
- Advanced electromagnetics
- Component technology of mems
- Computer engineering
- Electronics system-level based design
- Electronics-medical electronics
- Fiber optics and fiber devices
- Intelligent transportation systems
- Medicine and biology applications
- Mixed signal circuits

- Mobile robotics
- Networks design, protocols and management
- Radio-frequency integrated circuits
- VLSI testing and design
- Adaptive signal processing
- Artificial intelligence
- Compound semiconductor physics and devices
- Device electronics for IC
- Electronics & nano electronics
- Epitaxy and light-emitting diodes
- Giant area microelectronics
- Integrated optics
- Micro/nano systems and networks
- Mobile computing
- Multimedia services and technologies
- Optical electronic devices & photonics
- Signal & image processing
- Electrical engineering
- Software specification
- Analysis of power quality and system stability
- Analog circuits and digital circuits
- Battery management system
- Computer relaying
- Electromagnetic and photonics
- Integrated optics and electro-optics devices
- Microwave and millimeter circuit and antenna
- Power electronics
- Remote control and techniques of GPS
- Robotics and atomization engineering
- Signal processing
- Smart grid
- Techniques of laser and applications of electro-optics
- Software assurance
- Assembly and packaging
- Antenna and propagation
- Circuits and electronics
- Electric energy processing
- Electro-optical phenomena of semiconductors
- Microwave theory and techniques
- Modulation, coding, and channel analysis
- Power IC
- Remote control and techniques of GPS
- Signal integrity design for high-speed digital systems
- Simulation of propagation
- Solar power generation
- Wind power generation
- Computer engineering
- Algorithms
- Automated software engineering
- Computer-aided design, architecture, modeling, security
- Database and data mining
- Data encryption
- Digital signal and image processing
- Expert systems

- Information systems
- Mobile computing
- Multimedia applications
- Mobile wireless networks
- Wireless communication
- Artificial intelligence
- Bioinformatics and scientific computing
- Computer animation
- Computing ethics
- Computer networks
- Computer simulation
- Data compression
- Data mining
- Digital system and logic design
- Image processing
- Internet and web applications
- Network security and cryptography
- Multimedia networking
- Programming languages
- Wireless sensor network
- Process measurements and devices, control, optimization
- Statistical process control
- DCS/PLC/SCADA
- Model predictive control
- Virtual instrumentation
- Embedded systems and signal processing
  - Image processing
  - Video signal processing
  - Speech and audio signal processing
  - Cryptography
  - Biometrics in security and health diagnosis
  - Signal processing in CDMA/WCDMA, biomedical
  - Mobile communication
  - Sensor networks
  - Hardware/software co-design/co-verification
  - Reconfigurable hardware design
  - Scheduling algorithms
  - Middleware and virtualization
  - Multicore in embedded
  - Low power embedded system design
  - Embedded system reliability
  - Embedded applications
  - Uncertain nonlinear systems
  - Variable structure control
  - Automotive control: Active suspension, ABS, Active steering
  - Estimation and identification with industrial applications

## *Contact Information:*

<http://theiier.org/Conference/Malaysia/6/ICTAEECE/>

## **IEEE International Conference on Industrial Instrumentation and Control**

*Date: 28-30 May 2015*

*Location: Pune, India*

### *Topics*

- Industrial instrumentation
  - Haptic interface
  - Mechanical vibrations
  - Mechatronics
  - Biomechanics

- Adaptive systems and adaptive control
- Motion control
- Soft control techniques with applications
- Intelligent control system
- Sustainable energy systems, fuels and infrastructure
- Energy systems design and thermo economic analysis
- Materials and micro/ nano technologies for energy applications
- Combined energy cycles, CHP and CCHP
- Smart grid, micro grid wind solar energy systems and technologies
- Demand side management
- Smart energy systems
- Energy storage technologies
- Instrumentation and Measurements
  - Data acquisition systems
  - Measurement of electric and mechanical quantities
  - Medical and biological measurement
  - Non-invasive measurement techniques & instrumentation
  - Sensors/wireless sensors/ sensory systems
  - Materials in measurement
  - Optical measurement and instrumentation
  - Nano technology in instrumentation & measurement

*Contact Information:*

<http://www.icic2015.com>

### **International Conference on Advances in Electrical and Electronics Engineering (ICAEEE-2015)**

*Date: 13 June 2015*

*Location Singapore*

*Topic Covered:*

- Electronics engineering
- 3D semiconductor device technology
- Advanced electromagnetics
- Component technology-MEMS
- Computer engineering
- Electronics system-level design
- Electronics-medical electronics
- Fiber optics and fiber devices
- Intelligent transportation systems
- Medicine and biology applications
- Mixed signal circuits
- Mobile robotics
- Networks design, protocols and management
- RFIC
- VLSI testing and design for testability
- Adaptive signal processing
- Artificial intelligence
- Compound semiconductor physics and devices
- Device electronics for IC
- Electronics & nano electronics
- Epitaxy and light-emitting diodes
- Giant area microelectronics
- Integrated optics
- Mobile computing



- Micro/nano systems and networks
- Multimedia services and technologies
- Optical electronic devices & photonics
- Signal & image processing electrical engineering
- Software specification
- Power quality & system stability
- Analog and digital circuits
- Battery management system
- Computer relaying
- Electromagnetic and photonics
- Integrated optics and electro-optics devices
- Microwave and millimeter circuit and antenna
- Power electronics, power IC
- Remote control and techniques of GPS
- Robotics and atomization engineering
- Signal processing
- Smart grid
- Lasers and electro-optics
- Software assurance
- Assembly and packaging
- Antenna and propagation
- Circuits and electronics
- Electric energy processing
- Microwave theory and techniques
- Modulation, coding, and channel analysis
- Remote control and GPS
- Signal integrity design for high-speed digital systems
- Simulation of propagation
- Solar & wind power generation
- Computer engineering
- Algorithms
- Automated software engineering
- Computer-aided design
- Computer architecture, modeling
- Computer security
- Database and data mining
- Data encryption
- Digital signal and image processing
- Expert systems
- Information systems
- Mobile computing
- Multimedia applications
- Mobile wireless networks
- Wireless communication
- Bioinformatics and scientific computing
- Computer animation, networks, simulation, ethics
- Data compression, mining
- Digital system and logic design
- Internet and web applications
- Network security and cryptography
- Multimedia networking
- Programming languages
- Wireless sensor network

*Contact Information:*

<http://theiier.org/Conference/Singapore/5/ICAEEE/index.php>

### **ICBLS 2015: XIII International Conference on Biological and Life Sciences**

*Date: 13-14 April 2015*

*Location: Venice, Italy*

*Topics Covered:*

- Biological and life sciences
- Medical and veterinary sciences
- Biological and biomedical sciences
- Agriculture, forestry and life sciences
- Biology and neuroscience
- Biological sciences (botany, forestry, cell biology, marine biology, zoology)
- Genetics and human genetics
- Biochemistry and molecular biology
- Biological and medical physics, biomedical engineering
- Anatomy
- Biochemistry
- Computational biology biology
- Systems biology bioscience engineering
- Genetics and human genetics
- Microbiology food engineering
- Nutritional sciences
- Pharmacology physiology and biology health sciences
- Pharmaceutical science
- Aerobiology
- Astrobiology
- Building biology
- Cell biology
- Conservation biology

- Developmental biology
- Environmental biology
- Evolutionary biology
- Marine biology
- Microbiology
- Molecular biology
- Pathobiology
- Structural biology
- Affective neuroscience
- Biobehavioral science
- Biomedical science
- Biochemistry
- Biocomputers
- Biocontrol
- Biodynamics
- Bioinformatics
- Biology
- Biomaterials
- Biomechanics
- Biomonitoring
- Biophysics
- Biopolymers
- Botany

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[https://www.waset.org/](https://www.waset.org/conference/2015/04/venice/ICBLS)

[conference/2015/04/venice/ICBLS](https://www.waset.org/conference/2015/04/venice/ICBLS)

### **International Symposium on Phytochemicals in Medicine and Food**

*Date: 26-29 June 2015*

*Location: Shanghai, China*

### *Topics Covered:*

- Phytochemistry and phytomedicine
  - Isolation and structural elucidation of phytochemicals
  - Evaluation of biological activity of natural products in medicine
  - Bioseparations and downstream processing of natural products
- Phytochemicals in pharmaceuticals and food
  - Pharmacokinetics and biotransformation of phytochemicals
  - Prodrugs of phytochemicals
  - Food-medicine
  - Pharmaceutical biotechnology
  - Nanomedicine for natural products application
- Biotechnology for phytochemicals production
  - Metabolic engineering approaches
  - Biocatalysis and applied enzymology
  - Microbial biotransformation
  - Bioprocess engineering in function food

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[http://cmsmag.shnu.edu.cn/  
Default.aspx?alias=cmsmag.shnu.  
edu.cn/ispmf](http://cmsmag.shnu.edu.cn/Default.aspx?alias=cmsmag.shnu.edu.cn/ispmf)

### **International Symposium on Life Science & Biological Engineering**

*Date: 27-29 June 2015*

*Location: Bangkok, Thailand*

### *Topics Covered:*

- Medical and veterinary sciences
- Biological and biomedical sciences
- Agriculture, forestry and life sciences
- Biology and neuroscience
- Biological sciences (botany, forestry, cell biology, marine biology, zoology)
- Genetics and human genetics
- Biochemistry and molecular biology
- Biological and medical physics, biomedical engineering
- Anatomy
- Biochemistry
- Computational biology
- Systems biology
- Bioscience engineering
- Genetics and human genetics
- Microbiology
- Food engineering
- Nutritional sciences
- Pharmacology
- Physiology and biology
- Health sciences
- Pharmaceutical science
- Aerobiology
- Astrobiology
- Building biology
- Cell biology
- Conservation biology

- Developmental biology
- Environmental biology
- Evolutionary biology
- Marine biology
- Microbiology
- Molecular biology
- Pathobiology
- Structural biology
- Affective neuroscience
- Biobehavioral science
- Biomedical science
- Biochemistry
- Biocomputers
- Biocontrol
- Biodynamics
- Bioinformatics
- Biology
- Biomaterials
- Biomechanics
- Biomonitoring
- Biophysics
- Biopolymers
- Botany
- Biology and neuroscience
- Biological sciences (botany, forestry, cell)
- Biology, marine biology, zoology)
- Genetics and human genetics
- Biochemistry and molecular biology
- Biological and medical physics, biomedical engineering
- Anatomy
- Biochemistry
- Computational biology biology
- Systems biology bioscience
- Genetics and human genetics
- Microbiology food engineering
- Nutritional sciences
- Pharmacology physiology and biology
- Health sciences
- Biochemistry
- Advances biochemistry
- Physical stimulation on cell and tissue
- Adsorption principles and structure

*Contact Information:*

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**Annual Conference on Life Sciences and Engineering**

*Date: 25-27 August 2015*

*Location: Osaka, Japan*

*Topics Covered:*

- Medical and veterinary sciences
- Biological and biomedical sciences
- Agriculture, forestry and life sciences

- Character of porous mate
- Cartography and geographic information
- Atmospheric diffusion
- Environmental planning and management
- Environmental economics
- Environmental engineering
- Advance power semiconductors

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<http://aclse.org/>

### **International Conference on Advances in Management & Decision Sciences**

*Date: 11-12 July 2015*

*Location: Gautam Buddha University*

*Greater Noida*

Theme: Advances in Management and Decision Sciences

- Accounting & finance
- Financial risk management
- Performance and revenue management
- Banking and financial services, portfolio models and stock markets
- Global investment decision making
- Innovative applications in modeling and decision techniques
- Behavioral aspects of operations management
- Product, services and knowledge management
- Productivity and efficiency analysis
- Quality/productivity/risk management
- Service management
- Supply chain management
- Business ethics & corporate social responsibility
- Business innovation management
- Business law
- Economics & international business

- Decision sciences in governmental and social sector organizations
- Innovations and entrepreneurship
- Innovations in information technology applications
- Marketing theory & practice
- Marketing research, marketing models, retailing, advertising and crm
- Organizational behavior/ organizational theory
- Strategic HRM, culture and behavioral impact on performance strategy
- Trends and challenges in family business management
- Social sciences and life sciences
- Travel and tourism

#### *Contact Information:*

Dr. Dinesh Kr. Sharma  
Gautam Buddha University,  
Yamuna Expressway. Greater  
Noida, Gautam Budh Nagar, Uttar  
Pradesh (India) - 201310  
E-Mail: conference.gbu@gmail.  
com

### **Managing Organizations in Changing Times Conference**

*Dates: 5-7 August 2015*

*Venue: International Management Institute*

#### *Topics Covered:*

- Organizational identity
- Work engagement and organizational commitment

- Talent management
- Performing culture
- Corporate leadership
- Team and innovation
- Diversity & inclusion
- Sustainable development and responsible business

*Contact Information:*

Prof Swarup K. Mohanty  
[http://www.imibh.edu.in/  
international\\_conference\\_on\\_  
managing\\_organizations\\_in\\_  
changing\\_times](http://www.imibh.edu.in/international_conference_on_managing_organizations_in_changing_times)

**2015 IMRA-IIMB International Conference**

*Dates: 15-18 December 2015*

*Location: Indian Institute of Management Bangalore (IIMB), Bannerghatta Road, Karnataka*

Theme: Inclusive Growth & Profits with Purpose: New Management Paradigm

- Corporate and environmental sustainability
- Corporate governance and sustainability
- Economics
- Entrepreneurship and social entrepreneurship
- Finance and accounting
- Financial inclusion: access to credit and other financial services
- Gender equity and women empowerment
- General management

- Human resource management
- Health and healthcare management
- Innovative business models to reach the 'bottom of the pyramid'
- International management
- Knowledge management
- Law, society and ethics
- Management in emerging & frontier markets
- Management of educational services
- Marketing management and consumer behavior
- Natural resources management
- Operations management
- Organization behavior
- Public and not-for-profit management
- Skill development
- Strategic management
- Sustainable growth and risk management
- Technology & innovations management
- Tourism and hospitality management

*Contact Information*

Indian Institute of Management Bangalore (IIMB), Bannerghatta Road, Bilekahalli, Bengaluru, Karnataka 560076

*E-mail: 2015india@imraweb.org*  
[http://www.imraweb.org/  
conferences/2015india](http://www.imraweb.org/conferences/2015india)

### **International Conference on Mechanics, Materials Science and Engineering (ICMMSE 2015)**

*Date: 18-19 April 2015*

*Location: China, Shanghai*

*Topics Covered:*

- Advances in instrumentation technology
- Applied materials and technology
- Applied mechanics
- Automation, mechatronics and robotics
- Automotive engineering
- Biomechanics
- Biophysics and systems biology
- Cellular mechanics
- Composite and smart materials
- Computing methods
- Emerging areas of materials science
- Energy materials
- Engineering and innovative materials
- Experimental methods
- Fluid dynamics
- Fracture
- Industrial materials
- Information technology for materials
- Light metals for transportation
- Materials chemistry (organic and inorganic) and sustainable chemistry
- Materials manufacturing and processing
- Mechanical applications

- Materials properties, measuring methods and applications
- Materials science and engineering
- Mechanics, materials science and engineering
- Methodology of research and analysis and modeling
- Micromechanics
- Mining and metallurgy
- Nano mechanics
- Nanotechnology in mechanics and materials science
- Optics and laser technology
- Surface science and engineering

*Contact Information:*

E-mail: [icmmse@ietp-association.org](mailto:icmmse@ietp-association.org)

<http://ietp-association.org/ICMMSE2015>

### **3rd International Congress on Nanoscience & Nanotechnology (ICNT2015)**

*Date: 2 July 2015*

*Location: Turkey, Istanbul*

*Topics Covered:*

- Nano- microfabrication processes and materials for fabrication
- Nano electronics
- Nano mechanics
- Nanoscale measurement techniques
- Nanostructures
- Nanomaterials
- Molecular modelling and its role in advancing nanotechnology

- MEMS/NEMS
- Microfluidics and nanofluidics
- Biomedical engineering and biodevices
- Bio/nanotechnology and nanomedicine
- Bio/nanotechnology for cellular engineering
- Drug delivery – technology and applications
- Assembly
- Organic electronics
- Nano-optical devices
- Micro/nano integration
- Materials, coatings and surface treatments for nanotribology
- Micro/nanoreliability – thermal, mechanical, etc.
- Biomimetics
- All nano-related subjects
- Composite materials
- Polymers
- Metal alloys
- Iron and Steel (ferrous alloys)
- Paper and wood
- Textiles
- Chemical
- Electronic, optical, and magnetic materials
- Construction materials
- Sustainable materials
- Green manufacturing and sustainability
- Recycled materials
- New construction materials
- Emerging technologies in materials science
- Materials-environment interactions
- Processing and product manufacturing

*Contact Information:*

<http://www.icnt2015pfk.org/>

**International Conference on Sustainable Materials Science and Technology**

*Date: 15-17 July 2015*

*Location: Paris, France*

*Topics Covered:*

- Materials in research
  - Nanomaterials
  - Biomaterials
  - Electronic, optical and magnetic materials
  - Computational materials science and materials theory
- Materials in industry
  - Ceramics and glasses
  - New manufacturing processes
  - Surface modifications
  - Coating and films
  - Emerging green processes
- Structure of materials characterization and testing
  - Atomistic structure
  - Nanostructure
  - Microstructure
  - Macrostructure
  - Crystallography
  - Bonding
  - Synthesis and processing
  - Thermodynamics
  - Kinetics

*Contact Information*

<http://www.smatcscitech.com/>



### **UDT 2015-Undersea Defence Technology Conference**

*Date: 3-5 June 2015*

*Location: Ahoy, Rotterdam, NL*

*Theme: Underwater Capability for an Uncertain Future*

*Topics Covered:*

- Autonomous systems
  - MCM applications
  - New concepts, new challenges multiple vehicle operations (air, surface and sub-surface) countering underwater autonomous vehicles
- Operational, legal and ethical issues
  - Critical technologies
    - Communications
    - Command & control
    - Endurance
- Operational drivers & imperatives
  - Future requirements
  - Command & control
  - Navigation
  - Network centric operations
  - Communications
- Escape, search & rescue systems
- Platform design
  - Energy, power & propulsion
  - Signature management
  - Performance modelling
  - Safety
- Sensors & processing
- Weapon & payload systems

*Contact Information:*

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Conference Producer

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E-mail: [stephanie.searle@clarionevents.com](mailto:stephanie.searle@clarionevents.com)

<http://www.udt-global.com/Content/Contact-Us/7/>

### **ICDSS 2015: XIII International Conference on Defence and Security Sciences**

*Date: 8-9 October 2015*

*Location: Osaka, Japan*

*Topics Covered:*

- Machine learning for data mining
- Data mining methods for security
- Agent and multi-agent systems
- Hybrid systems
- Unsupervised learning
- Classification methods
- Novelty detection
- Intrusion detection systems
- Log correlation methods
- Adaptive defense of network infrastructure
- Adaptive reasoning
- Information forensics
- Document classification and processing
- Ontologies and conceptual information processing
- Semantic information representation

- Natural language acquisition
- Web semantics in intelligence and law-enforcement
- Industrial and commercial applications of intelligent methods for security
- Intelligent control and monitoring of critical systems
- Dynamic adaptive railway operation
- Centralized control systems
- Adaptive planning for strategic reasoning
- Intelligent methods in energy and transportation
- Planning and automated reasoning in large system control
- Biometric identification and recognition
- Biometric surveillance
- Biometric access control
- Extraction of biometric features (fingerprint, iris, face, voice, palm, gait)
- Cryptography
- Applied cryptography and provably-secure cryptographic protocols
- Design and analysis of efficient cryptographic primitives
- Public-key and symmetric-key cryptosystems, block ciphers, and hash functions
- Computer science, namely on HPC and grid computing issues
- Economic fraud on the Internet: phishing, pharming, spam, and click fraud
- Email and web security
- Intellectual property protection: Metering, watermarking, and digital rights management
- Computational sciences, with requirements in HPC and Grid
- Computational engineering with a similar focus
- Grid middleware, grid computing, data and networking infrastructures
- Distributed and large-scale data access and management
- Data repositories, distributed resource management and scheduling
- Supercomputer/cluster/grid integration issues
- Grid performance evaluation, QoS and SLA negotiation
- Grid and HPC applications, including e-science in general and also science gateways, nanomaterials, high energy physics, e-health, e-business, e-administration, life sciences, earth sciences, civil protection, computational sciences and engineering
- User development environments and programming tools for grid computing.
- Infrastructure as a service (IaaS)
- Virtualization in data centers

- Virtualization for resource management and QoS assurance
- Security aspects of using virtualization in a distributed environment
- Virtual networks
- Virtual data, storage as a service
- Fault tolerance in virtualized environments
- Virtualization in P2P systems
- Virtualization-based adaptive/autonomic systems
- The creation and management of environments/appliances
- Virtualization technologies
- Performance modeling (applications and systems)
- Virtualization techniques for energy/thermal management
- Case studies of applications on IaaS platforms
- Deployment studies of virtualization technologies
- Tools relevant to virtualization

*Contact Information:*

Hyatt Regency Osaka  
1-13-11 Nanko-Kita  
Suminoe-Ku, Osaka  
559-0034, Japan  
Tel: +81 6 6612 1234  
[https://www.waset.org/  
conference/2015/10/osaka/ICDSS](https://www.waset.org/conference/2015/10/osaka/ICDSS)

**XIII International Conference on Defence and Security Sciences**

*Date: 29-30 October 2015*

*Location: Paris, France*

*Topics Covered:*

- Machine learning for data mining
- Data mining for security
- Adaptive defense of network infrastructure
- Document classification
- Ontologies and conceptual information processing
- Semantic information
- Natural language acquisition
- Web semantics in intelligence and law-enforcement
- Biometric identification and recognition
- Cryptography
- Intellectual property protection
- Computational sciences
- Grid middleware, grid computing, data and networking infrastructures
- Data repositories, distributed resource management and scheduling
- Supercomputer/cluster/grid integration issues
- Infrastructure as a service
- Virtualization in data centers

*Contact Information:*

Holiday Inn Paris Montparnasse  
Avenue Du Maine, 79-81  
Paris, 75014 France  
[http://www.waset.org/  
conference/2015/10/Paris/](http://www.waset.org/conference/2015/10/Paris/)

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## FELLOWSHIPS

### **INSA-CSIR-DAE/BRNS-CICS Travel Fellowship Programme (For Indian Scientists/ Researchers affiliated to Indian Institutions)**

Centre for International Co-operation in Science (CICS) provides financial support towards partial travel/registration to scientists/researchers in various disciplines such as Physics, Chemistry, Biology, Mathematics, Medicine, Engineering, Space Science & Technology, Computer Science and Engineering and other related areas to attend international scientific conferences, seminars and workshops abroad. Highly meritorious candidates will be provided enhanced support. The selection committee consisting of eminent scientists, meets four times a year to scrutinize and recommend award of travel grants. This scheme is jointly sponsored by the Indian National Science Academy (INSA)/ Council of Scientific and Industrial Research (CSIR)/ Department of Atomic Energy (DAE)/ Board of Research in Nuclear Sciences (BRNS) and CICS. Completed form along with relevant documents may be submitted as soft copy (pdf document) and postal copy to the Director, CICS.

*For further information:*  
[http://www.cics.tn.nic.in/  
indfellowships.htm](http://www.cics.tn.nic.in/indfellowships.htm)

### **Ramalingaswami Re-Entry Fellowship**

Applications are solicited from Indian nationals working in overseas research institutions for the 'Ramalingaswami Re-entry Fellowship', a re-entry scheme of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India.

The scheme is conceptualized with the aim of attracting highly skilled researchers (Indian nationals) working overseas in various cutting edge disciplines of biotechnology (agriculture, health sciences, bio-engineering, energy, environment, bioinformatics and other related areas), to pursue their R&D interests in Indian institutions.

Applicant should possess a PhD, MD, MTech, MVSc or equivalent degrees with an outstanding record as reflected in their publications and other recognitions and with at least three years of post-doctoral research experience of which last two years should be from an overseas lab. Candidates (Indian nationals) working overseas are eligible to apply. Those applicants who have returned to India within one year of closing date of this advertisement are also eligible. Researcher's upto 55 years of age on closing date of application can apply.

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Incentives: 1. This is an alienior fellowship programme, and awardees will be synonymous to the faculty/scientists at the level of Scientist-D and entitled to take up teaching/research assignments and supervising Doctoral/MS students.

The scheme provides a consolidated monthly remuneration of Rs. 85,000/- p.m. and a HRA of Rs. 7,500/- p.m. In case host institute provides accommodation to the fellow, no HRA is admissible.

Fellows will receive a research/contingency grant of Rs. 10 lakhs for the 1st year, Rs. 7.50 lakhs for the 2nd year and Rs. 5.00 lakhs for the subsequent 3 yrs. for purchase of consumables, minor equipment, international and domestic travel, engaging manpower and other contingent expenditure for the implementation of proposal.

4. DBT encourages host institutions to provide medical, TA, LTA and other benefits as per their prevailing norms applicable to employees of rank of Scientist D out of their own resources/funds.

5. Fellows retain an option for drawing either the fellowship or salary if they are appointed at a suitable permanent scientific position. Fellows opting for salary can continue to avail the research /contingency grant with prior approval of DBT.

6. Ramalingaswami Re-entry Fellows could take up fellowship

at any of the scientific institutes/universities in the country. However, application should be duly forwarded by the competent authority of the host Institute. Fellows/Awardee can change his/her host institute only once during the tenure of the fellowship.

7. Awardees are eligible to apply for research grants to any of the funding agencies towards accomplishment of research proposal. However, the Co-PI has to be a permanent employee of the host institution,

#### Tenure of Fellowship

Fellows can draw fellowship for a term of five years, further extendable for another term on fresh appraisal of performance of the fellow. Those who are able to secure permanent positions will not be considered for 2nd term.

Applications may be sent as per proforma downloadable from DBT website ([www.dbtindia.nic.in](http://www.dbtindia.nic.in)) and duly forwarded (both as a hard copy as well as soft copy) by the competent authority to

*Dr. Meenakshi Munshi, Director,  
Department of Biotechnology,  
Block-2, 7m Floor, CGO Complex,  
Lodhi Road, New Delhi -110 003.  
E-mail: [rlsfellowship.dbt\(5\).nic.in](mailto:rlsfellowship.dbt(5).nic.in)  
Phone: 0112436035, 01124361215*

The soft copy as a single file is a must otherwise application will not be accepted. The applications not forwarded by the host institution will not be considered.

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## DESIDOC SERVICES

DESIDOC has taken initiative to provide a single window information service on the latest developments in the frontier areas of science, technology and engineering to the Defence R&D community. DESIDOC supplies further information/copies of articles on demand by the scientists from the DRDO labs within least possible time through fax, speed post or e-mail. The following services are currently offered by DESIDOC through DESIDOC single window webpage on intranet:

- Back Volumes of Periodicals
- Defence Science Journal Digital Library
- DESIDOC Journal of Library and Information Technology Digital Library
- Digital Library of Translated Documents
- Digital Reference Desk
- DRDO Blog
- DRDO Current Periodicals
- DRDO E-Journals Consortium
- DRDO Institutional Repository (Gyansrota)
- DRDO Publications
  - *Defence Science Journal*
  - *DESIDOC Journal of Library & Information Technology*
  - *DRDO Monographs/Special Publications*
  - *DRDO Newsletter*
  - *DRDO Samachar*
  - *DRDO Science Spectrum*
  - *DRDO Technology Spectrum*
  - *Technology Focus*
  - *Prodyogiki Vishesh*
- DRDO Wiki
- Forthcoming International Conference on Military Science and Technology
- Info Watch Service (Selective Full-text Article Service)
- Journal Search Service
- Knowledge Repository of DRDO Technical Reports
- New Books
- New Technical Reports
- Newspaper Clippings Service
- Online E-Books Service
- Online Public Access Catalogue (OPAC)
- Reference/Document Supply Service
- Strategic Information Services
- Union Catalogue of Periodicals of DRDO Libraries

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Published by

**Defence Scientific Information and Documentation Centre**

**Delhi -110 054**

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