



F I C M S T

Forthcoming International Conferences on Military Science & Technology

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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.
- 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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(1) International Conference on Engineering & Technology, Computer, Basic & Applied Sciences (ECBA)

Date: 7-8 September 2015

Location: Bali, Indonesia

Topics covered:

- Applied science
 - Artificial intelligence
 - Architecture
 - 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 & medicine
 - Ceramic engineering
 - Computing technology
 - Electronics
- Energy
- Environmental engineering sciences
- Engineering physics
- Environmental technology
- Materials engineering
- Micro technology
- Nanotechnology
- Nuclear technology
- Nanotechnology
- Nano-materials and nano-composites,
- Optical and electronic materials, nano-bio-computing
- Nanobiotechnology
- Biosensors
- Bioelectronics and diagnostics
- Biorobotics
- Biomedical image analysis,
- Bionics
- Neural networks, artificial intelligence
- Bioinformatics & computational biology
- Biomedical, bioelectrical & neural engineering
- Health monitoring systems and wearable system
- Molecular and cellular systems, body's and cell's bio-signatures
- Biomedical image processing & analysis
- Microarray technologies, biomedical data engineering
- Biomaterials, data mining in pattern recognitions

- Automation science & engineering, nano-scale automation
- Bioinformatics, bio-molecular & phylogenetic databases
- Query languages
- Bio-ontology and data mining
- Genes, regulation, sequence search & alignment
- Protein structure prediction and molecular simulation
- Molecular evolution & phylogeny
- Functional genomics, proteomics
- Drug discovery, bioscience 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 biosciences
- Molecular medicine
- Microbiology and applications
- Environmental engineering
- Carbon abatement technologies
- Co-firing with a CO₂-neutral biomass
- Supercritical and igcc coal-fired power plant
- Saline aquifers
- Environmental impact assessment and mitigation
- Water supply and treatment
- Carbon capture technologies, CO₂ transport, storage & use
- Global practices of environmental engineering law
- Underpinning technologies
- Electrostatic precipitators
- Catalytic converters, volatile organic compounds
- Reactive organic gases
- Recycled container housing
- Hazardous waste management
- Treadmills that convert rotation of the belt into electricity
- Reusing instead of recycling packaging
- Environmental policy and regulation development
- All interdisciplinary and multidisciplinary studies

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<http://academicfora.com/ecba-2015-september-07-08-2015-bali-indonesia/>

(2) IEEE International Conference on Computer and Communications (ICCC)

Date: 10-11 October 2015

Location: Chengdu, China

Topics Covered:

- Algorithms
- Algebraic topology
- Computer architecture
- Data compression
- Image processing
- Network security & cryptography
- Mobile computing
- Parallel & distributing computing
- High-performance computing
- Autonomic & trusted computing
- Software engineering & knowledge engineering
- AI & machine learning
- Knowledge discovery & data mining
- Virtual reality & visualization
- Biomedical informatics & computation
- Information & its technical education
- Wireless and sensor devices
- Mobile & ubiquitous computing
- Crowdsourcing & information retrieval (big data)
- Communications
- RF and microwave communication
- RF & microwave devices
- Antenna and propagation
- Microwave and millimeter circuit
- Microwave theory & techniques
- Modulation, coding, & channel analysis
- Remote sensing and GPS
- Electromagnetic and photonics
- Integrated optics and electro-optics devices

- Optical electronic devices & photonics
- Techniques of laser and applications of electro-optics
- Signal detection and parameter estimation
- Signal, image and video processing
- Speech and audio processing
- Wireless communications
- Communications transmission
- Network communication

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(3) 19th International Computer Science and Engineering Conference (ICSEC)

Date: 23-26 November 2015

Location: Chiang Mai, Thailand

Topics Covered:

- Ad-hoc networks
- Algorithmic information theory
- Analysis of algorithms and problem complexity
- Arithmetic and logic structures
- Augmented reality
- Bioinformatics
- Cloud computing
- Computability theory
- Computer and internet application

- Computer architecture
- Computer graphics
- Computer networks
- Computer system implementation
- Computer vision and image processing
- Control structures and microprogramming
- Cryptography and security
- Data and knowledge management
- Data mining
- Decision support technologies
- Digital forensics
- Digital signal processing
- Distributed computing and grid computing
- Embedded systems
- Evolutionary computing
- Formal semantics
- Future internet
- Fuzzy and neural network
- Genetic algorithms
- High performance computing
- Human machine interface
- IT management
- Intelligent systems
- Internet modeling
- IT safety and healthcare
- Knowledge discovery
- Knowledge management
- Machine intelligence and applications
- Mobile applications, computing, security, and social networks
- Natural language processing
- Network management
- Network protocol & architecture
- Neural networks
- Pattern recognition
- Pervasive and mobile computing
- Programming language
- Quality of service, scalability and performance
- Robotics and automation
- Security and access control
- Self-organizing networks
Semantic web, ontology
- Simulation and modeling
- Social network applications
- Speech recognition
- Swarm intelligent
- Theory of computation
- VLSI design
- Web modeling and design
- Web services architecture
- Wireless network and communication
- XML-based languages

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(4) 4th International Conference on Computer Engineering & Mathematical Sciences (IC-CEMS)

Date: 10-11 December 2015

Location: Langkawi, Malaysia

Organised by: Science and Knowledge Research Society

Topics covered:

- Mathematics
- Computer science
- Algebraic geometry
- Algebraic topology
- Approximation theory
- Calculus of variations
- Category theory; homological algebra
- Coding theory
- Combinatorics
- Control theory
- Cryptology, geometry
- Data communications
- Data encryption, mining
- Difference and functional equations
- Discrete mathematics
- Dynamical & ergodic theory
- Expert systems
- Field theory and polynomials
- Fluid & solid mechanics
- Fourier analysis
- Functional analysis
- Functions of a complex variable
- Fuzzy mathematics
- General algebraic systems
- Graph theory
- Group theory & generalizations
- Image processing, signal processing and tomography
- Information fusion
- Integral equations
- Internet and web applications
- Lattices, algebraic structures
- Linear and multilinear algebra; matrix theory
- Mathematical biology and other natural sciences
- Mathematical economics and financial mathematics
- Mathematical education
- Mathematical physics
- Measure theory and integration
- Neutrosophic mathematics
- Number theory
- Numerical analysis
- OR, optimisation
- Operator theory
- Ordinary & partial differential equations
- Potential theory
- Real functions
- Rings and algebras
- Statistical mechanics
- Topological groups
- Wavelets and wavelet transforms
- 3G/4G network evolutions
- Ad-hoc, mobile, wireless networks and mobile computings
- Agent computings & multi-agents systems
- Image/signal processings
- Computer networks
- ISO SC-27 and SC-17 standards
- Public key infrastructures
- AI & pattern/image recognitions
- Authentication/authorization issues
- Biometric authentication & algorithms
- CDMA/GSM communication protocols

- Combinatorics, graph theory, and analysis of algorithms
- Cryptography and foundation of computer security
- Database management & information retrievals
- Data minings, web image minings, & applications
- Defining spectrum rights and open spectrum solutions
- E-commerce, ubiquitous, RFID
- Fingerprint/hand/biometrics recognitions and technologies
- Foundations of high-performance computings
- IC-card security, OTP & key management issues
- IDs/firewall, anti-spam mail, anti-virus issues
- Mobile computing for e-commerces
- Network security applications
- Neural networks and biomedical simulations
- Quality of services and communication protocols
- Quantum computing
- Coding, and error controls
- Satelite and optical communication systems
- Theory of parallel processings and distributed computings
- Virtual visions, 3-D object retrievals, & virtual simulations
- Wireless access security

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(5) 8th International Conference on Computer Science and Information Technology (ICCSIT 2015)

Date: 10-11December 2015

Location: Amsterdam, Netherlands

Organised by: American Society for Research (ASR)

Topics Covered:

- Algorithms
- Artificial intelligence
- Automated software engineering
- Bio-informatics
- Bioinformatics & scientific computing
- Biomedical engineering
- Compilers and interpreters
- Computational intelligence
- Computer animation
- Computer architecture, VLSI
- Embedded systems
- Computer- based education
- Computer graphics & VR
- Computer graphics & multimedia
- Computer modeling, networks, & data communication
- Computer security,simulation, vision, CAD manufacturing
- Computing ethics
- Control systems
- Data communications
- Data encryption, mining
- Database systems
- Digital library
- Digital signal and image

- processing, computing
- Digital system and logic design
- Distributed and parallel processing
- Distributed systems
- E-commerce and e-governance
- Event driven programming
- Expert systems
- High performance computing
- Human computer interaction
- Information retrieval, systems
- Internet and web applications
- Knowledge data engineering
- Mobile computing
- Multimedia applications
- Natural language processing
- Neural networks
- Pattern recognition
- Performance evaluation
- Programming languages
- Reconfigurable computing systems
- Robotics and automation
- Security & cryptography
- Software engineering & case
- System security
- Technology in education, management
- Theoretical computer science
- Ubiquitous computing
- Wireless communication and mobile computing
- Wireless sensor networks

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(1) International Congress on Applied Biological Sciences (ICABS)

Date: 16-20 September 2015

Location: Skopje, Macedonia

Topics Covered:

- Aerobiology
- Affective neuroscience
- Agricultural, economics, machinery, structures & irrigation
- Analytical chemistry
- Anatomy
- Applied chemistry
- Astrobiology
- Basic pharmaceutical sciences
- Biobehavioral science
- Biochemistry
- Biocomputers
- Biocontrol
- Biodynamics
- Bioinformatic
- Biological and medical physics
- Biological sciences
- Biology
- Biomaterials
- Biomechanics
- Biomedical engineering, science
- Biomonitoring
- Biophysics
- Biopolymers
- Bioscience engineering
- Biosystems engineering
- Biotechnology
- Bipharmaceutics and phramacokinetics
- Botany
- Building biology
- Cell biology
- Climate change
- Clinical sciences
- Computational biology
- Developmental biology
- Ecology
- Endocrinology
- Environmental biology
- Environmental engineering
- Evolutionary biology
- Field crops
- Food engineering
- Food hygiene and technology
- Genetic and bioengineering
- Genetics and human genetics
- Genomics
- Health sciences
- History of pharmacy and management
- Immunology
- Industrial engineering
- Internal medicine
- Microbiology
- Molecular biology
- Molecular imaging
- Neurology
- Neuroscience
- Nutritional sciences
- Obstetrics and gynecology
- Parasitology
- Pathobiology
- Pathology
- Pedology and plant nutrition
- Pharmaceutical botany,

- chemistry, microbiology, science, technology, toxicology
- Pharmacognosy
 - Pharmacology
 - Pharmacology physiology
 - Physiology
 - Plant protection
 - Preclinical sciences
 - Professional pharmaceutical sciences
 - Public health
 - Radiopharmacy
 - Structural and computational biology
 - Systems biology
 - Tissue engineering
 - Toxicology

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- Parasitology
- Zoonotic diseases
- Toxicology
- Life sciences engineering
- Biotechnology and bioengineering
- Bioinformatics and computational biology
- Biomedical and pharmaceutical engineering
- Neuroscience
- Systems physiology
- Stem cells and gene therapy
- Cell and developmental biology
- Immunology and cancer
- Genetic and biochemical networks

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(2) International Conference on Life and Health Science

Date: 30-31 October 2015

Location: Cebu, Philippines

Organised By: IPN Network

Topics Covered:

- Health sciences
- Biomedical sciences
- Medicinal chemistry
- Biochemistry and molecular biology
- Infectious diseases
- Immunology
- Veterinary microbiology

(3) Global Engage's Microscopy Congress

Date: 30 November-1 December 2015

Location: London, United Kingdom

Topics Covered:

- Instrumentation, techniques and developments
- Latest developments in optical and electron microscopy
- Scanning probe microscopy
- Tem/stem
- Cryo-em and immersion freezing
- Electron backscatter diffraction
- Advanced fluorescence imaging

- Correlative light electron microscopy
- Confocal microscopy
- Digital/virtual microscopy
- 3D imaging and tomography
- Advances in sample preparation techniques
- Light sheet microscopy
- Super resolution microscopy
- Latest techniques & developments in super resolution microscopy
- Deterministic super-resolution
- Stochastic super-resolution – storm, palm and fpalm
- Life science case studies
- Diagnostic microscopy
- Live cell imaging/medical imaging/in vivo imaging
- Neuroscience
- Stem cell biology
- Deep tissue imaging
- Pathology and oncology
- Biomedical engineering
- Developmental biology/ monitoring cell growth
- Structural biology
- Single molecule imaging
- Image analysis / big data challenges
- Data analysis and challenges
- Image handling, analysis
- Making sense of big data
- Dicom
- Image processing
- Tools to automate tracking &

analysis of microscopy image sequences

- Bioimage informatics

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(4) 2nd International Conference on Life Science and Biological Engineering (ILSBE 2015)

Date: 2-4 December 2015

Location: Tokyo, Japan

Organised by: Higher Education Forum

Topics Covered:

- Aerobiology
- Botany
- Affective neuroscience
- Bioengineering and Biotechnology
- Building biology
- Cell biology
- Anatomy
- Computational biology
- Astrobiology
- Biobehavioral science
- Conservation biology
- Biochemistry and molecular biology
- Environmental biology
- Biocomputers
- Evolutionary biology
- Biocontrol genetics & human genetics

- Biodynamics
- Marine biology
- Bioinformatics
- Medical and veterinary sciences
- Biological & biomedical sciences microbiology
- Biological and medical physics,
- Biomedical engineering
- Microbiology food engineering
- Biological sciences (botany, forestry, cell biology, marine biology, zoology)
- Molecular biology
- Immunology
- Biology
- Medical & veterinary sciences
- Biology and neuroscience
- Nutritional sciences
- Biomaterials
- Pathobiology
- Biomechanics
- Pharmaceutical science
- Biomechanics
- Pharmacology physiology
- Biology health sciences
- Biomonitoring
- Structural biology
- Biophysics
- Systems biology bioscience engineering
- Biopolymers

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(5) 9th International Conference on Healthcare and Life Science Research (ICHLSR)

Date: 27-28 December 2015

Location: Malaysia

Topics Covered:

- Understanding of life-processes for possible academic, therapeutic or commercial applications solutions for challenges in academics and practice
- Technologies for cleaner, healthier and sustainable environment
- Advanced technologies, devices, protocols & practices
- Techniques for sustainable food & energy challenges
- Innovations and ideas for improving quality of health-care & quality of life
- Novel therapeutic techniques Understanding of challenging diseases, epidemics and their management
- New imaging techniques and rapid diagnostics systems
- Innovative digital healthcare systems
- Management practices, operations and logistics, innovations for health and pharma, medical tourism
- Alternative medicine and therapies
- Affordable medical care systems

- and estimation of economic impact on end-users
- Technological, social, economic and psychological challenges on health industry
- Novel rehabilitation techniques
- Innovation in medical education
- Disease modeling techniques
- Drug discovery, trials and development
- Other issues of interest related to healthcare and life-sciences

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- Syntetic biology
- Microbiology
- Bioprocess engineering
- Food science and technology
- Nutritional sciences
- Health sciences

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<https://www.waset.org/>

(6) 17th International Conference on Life Science and Engineering (ICLSE 2015)

Date: 30-31 December 2015

Location: Paris, France

Topics Covered:

Animal Science and Technology

- Animal and food science
- Biological and life sciences
- Bioengineering and Biotechnology
- Biological sciences (Botany, forestry, cell Biology,marine biology, zoology)
- Genetics and human genetics
- Biochemistry
- Biosystems engineering
- Biology
- Bioscience engineering
- Systems biology

(1) Academics World-2nd International Conference on Nanoscience, Nanotechnology and Advanced Materials (IC2NM)

Date: 27 August 2015

Location: New York, USA

Topics 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 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
- 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
- Nanosystems, nanomechanics and manipulation
- Opto-mechanical coupling
- Nanotribology
- Friction

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[Conference/New_York/IC2NM/](http://academicsworld.org/Conference/New_York/IC2NM/)

(2) International Conference on Smart Material Research (ICSMR)

Date: 21-22 September 2015

Location: Istanbul, Turkey

Organised by: SAISE

Topics Covered:

- Materials science and engineering
 - Metallic alloys, tool materials, superplastic materials, ceramics & 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 & devices, hard/soft magnetic 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 scientific research, numerical techniques, statistic methods, residual life analysis, process systems design, mould flow analysis, rapid prototyping, CAM, CAMS, 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

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**(3) 17th International Conference
on Materials Science and
Mechanical Engineering
(ICMSME 2015)**

Date: 25-26 September 2015

Location: London, UK

Topics Covered:

- Materials science and engineering
 - Metallic alloys, tool materials, superplastic materials, ceramics and glasses, composites, amorphous materials, nanomaterials, 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, and 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 modelling
- Electron microscopy, x-ray phase analysis, metallography, quantitative metallography, image analysis, computer assistance in the engineering tasks and scientific research, numerical techniques, statistic methods, residual life analysis, process systems design, mould flow analysis, rapid prototyping, CAM, CAMS, CAQ, engineering design, technological design, materials design, computational material science, materials, expert systems, AI methods
- Materials manufacturing and processing
 - Casting, powder metallurgy, welding, sintering, heat treatment, thermo-chemical treatment, thin & thick coatings, distribution and logistics management, supply chain management, productivity & performance management

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<https://www.waset.org/>

(4) 4th International Conference on Material Science and Engineering Technology (ICMSET 2015)

Date: 26-28 October 2015

Location: Singapore

Organised by: SCIEI

Topics Covered:

- Materials behaviour
- Casting and solidification
- Powder metallurgy and ceramic forming
- Surface, subsurface, and interface phenomena
- Coatings and surface engineering
- Composite materials
- Materials forming
- Machining
- Nanomaterials and nanomanufacturing
- Biomedical manufacturing
- Environmentally sustainable manufacturing processes and systems
- Manufacturing process planning and scheduling
- Meso/micro manufacturing equipment and processes
- Modeling, analysis, & simulation of manufacturing processes
- Computer-aided design, manufacturing, and engineering
- Semiconductor materials manufacturing
- Laser-based manufacturing

- Precision molding processes
- Joining processes
- Rapid manufacturing technologies
- Nontraditional manufacturing
- Nanofabrication, nanometrology and applications
- Metrology and measurement
- Mechanical and electronic engineering control

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(5) Materials Research Society Fall 2015 Meeting & Exhibition

Date: 29 Nov-4 Dec 2015

Location: Boston, USA

Topics Covered:

- Biomaterials and soft materials
 - Stretchable and active polymers and composites for energy and medicine
 - Tough, smart and printable hydrogel materials
 - Biological and bioinspired materials in photonics and electronics—biology, chemistry and physics
 - Multifunctionality in polymer-based materials, gel & interfaces
 - Nanocellulose materials and beyond—nanoscience, structures, nanomanufacturing and devices

- Wetting and soft electrokinetics
- Materials science, technology and devices for cancer modeling, diagnosis, treatment
- Nanofunctional materials, nanostructures & nanodevices for biomedical applications
- Nanomaterials and synthesis
 - Micro- and nanoscale processing of materials for biomedical devices
 - Magnetic nanomaterials for biomedical and energy applications
 - Plasmonic nanomaterials for energy conversion
- Mechanical behaviour and failure of materials
 - Mechanical behaviour at the nanoscale
 - Strength and failure at the micro- and nanoscale—from fundamentals to applications
 - Microstructure evolution and mechanical properties in interface-dominated metallic materials
 - Gradient and laminate materials
 - Materials under extreme environments
 - Shape programmable materials
- Theory, characterization and modeling
 - Topology in materials science—biological and functional nanomaterials, metrology and modeling
- Frontiers in scanning probe microscopy
- In situ study of synthesis and transformation of materials
- Modeling and theory-driven design of soft materials
- Architected materials—synthesis, characterization, modeling and optimal design
- Advanced atomistic algorithms in materials science
- Material design and discovery via multiscale computational materials science
- Big data and data analytics for materials characterization
- Liquids and glassy soft matter—theoretical studies and neutron scattering
- Integrating experiments, simulations and machine learning to accelerate materials innovation
- Lighting the path towards non-equilibrium structure-property relationships in complex materials

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(1) 4th International Conference on Electronics, Mechatronics and Automation (ICEMA 2015)

Date: 17-18 August 2015

Location: Toronto, Canada

Topics Covered:

- Intelligent mechatronics
- Robotics
- Biomimetics
- Automation
- Control systems
- Opto-electronic elements and materials
- Laser technology & laser processing
- Elements
- Structures
- Mechanisms and applications of micro and nano systems
- Teleoperation
- Telerobotics
- Haptics and teleoperated semi-autonomous systems
- Sensor design
- Multi-sensor data fusion algorithms & wireless sensor networks
- Biomedical and rehabilitation engineering
- Prosthetics and artificial organs
- Control system modeling & simulation techniques & methodologies
- AI
- Intelligent control, neuro-control
- Fuzzy control & applications
- Industrial automation, process control
- Manufacturing process & automation
- Mechanical engineering testing
- Mechanical system engineering
- Hydraulic transmission & control
- Application of hydraulic technology
- Fault diagnosis & troubleshooting of hydraulic system
- Design and use of hydraulic servo system
- Electromechanical transmission control
- Robot
- Design & application of electromechanical control system
- Measure control technology and intelligent system
- Mechanical control & information processing technology
- Engineering applications of programmable controller

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(2) 5th International Conference on Computer Science, Electronics and Information Technology

Date: 22-23 August 2015

Location: Kuala Lumpur, Malaysia

Topics Covered:

- Computer science, electronics and information technology
- Adaptive signal processing
- Algorithms and techniques
- Antenna and propagation
- Artificial intelligence
- Analog circuits
- Audio, speech and language processing
- Circuit implementation for fuzzy systems
- Circuit modelling and scientific computing
- Communication theory and information theory
- Component-based development
- Computational intelligence
- Computer and IT
- Computer aided design
- Computer architectures and digital systems
- Computer networks and security
- Computer vision and pattern recognition
- Control systems and robotics
- Data mining, fusion, data mining management & databases
- 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
- Filters and data conversion circuits
- Fuzzy logic and circuits design
- Fuzzy systems, 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 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, architecture
- Internet & electronic commerce
- Internet applications & performances
- Knowledge based systems
- Knowledge management & decision making
- Knowledge modelling
- Knowledge, information, and data quality
- Logic synthesis
- Low power design and VLSI physical design

- Management information systems
- Information systems engineering
- Secure information systems
- Microwave theory and techniques
- Mobile networks & services
- Model-driven architecture
- Modelling and simulation
- Modulation, coding, and channel analysis
- 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
- RF and wireless circuits
- Satellite, space communications
- Scientific computing & super-computing benchmark design
- Scientific visualization
- Seismic data processing
- Semantic web
- Service-oriented architecture
- Signal processing systems
- Simulation, modelling, robotics
- Soft computing
- Software agent architecture
- Software engineering
- Speech and audio processing, image processing systems
- Supercomputing and scientific computing
- Usability, trust, flexibility, interoperability
- Web engineering

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(3) 4th International Conference on Electronics Engineering and Informatics (ICEEI 2015)

Date: 19-20 September 2015

Location: Chengdu, China

Organised by: Science and Engineering Institute (SCIEI)

Topics Covered:

- Electronics and communications engineering
- QOS provisioning and architectures
- Telecommunication services and applications
- Wireless networking
- Optical communications
- Multimedia communications
- Network performance

- Innovative networking technologies
- Network security
- Network planning and design
- Software technology in communication engineering
- Microwave engineering
 - Antennas-design, modeling and measurement
 - Microwave circuits-systems and applications
 - Computational electromagnetics
 - Radio propagations
 - Integrated optics
- Coding and signal processing
 - Channel coding
 - Space-time signal processing MIMO and OFDM systems
 - Signal detection & estimation
 - Audio/speech signal processing
 - Image/video processing & coding
 - Medical imaging and image analysis
 - Embedded systems
 - Reconfigurable computing
 - Robotics
 - Biomedical electronics
 - Industrial electronics & automations
 - Electronic devices in communications
 - Software engineering in electronics
 - Applications of neural networks
- Industrial automation & control
- Informatic and communication engineering
 - Artificial intelligence
 - Bioinformatics
 - Software engineering
 - VISI design and fabrication
 - Photonic technologies
 - Parallel & distributed computing
 - Data mining
 - Cryptography
 - Algorithms and data structures
 - Graphs and combinatorics
 - E-commerce and e-learning
 - Geographical information systems (GIS)
 - Networking, signal processing, embedded system
 - Wireless systems
 - Multimedia systems and applications

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(4) International Conference on Computer, Electrical & Electronics Engineering (CEEE)

Date: 3-4 October 2015

Location: Phuket, Thailand

Organised by: EACEEE

Topics Covered:

- Artificial intelligence
- Image recognition

- Machine learning & bio-medical engineering
- Artificial neural networks
- Classification algorithms
- Computer science & engineering
- Communication engineering and mobile computing
- Data mining
- Decision trees/rule learners
- E-commerce
- Electrical & control engineering
- Electronics and instrumentation engineering
- Evolutionary computation/meta heuristics
- Fuzzy logic and rough sets
- Link and sequence analysis
- High voltage techniques
- Electronics
- Biomedical electronics
- Digital systems
- Circuits and systems
- Signal processing
- Electromagnetics, microwave
- Antennas and propagation
- Optoelectronics
- Communication theory and systems
- Sensors and instrumentation
- Control theory and applications
- Mechatronics
- Robotics and automation systems
- Intelligent systems

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(5) 9th International Conference Electrical and Electronics (ELE-CEO 2015)

Date: 26-29 November 2015

Location: Bursa, Turkey

Organised by: The Chamber of Electrical Engineers

Topics Covered:

- Energy sources and power markets
- Electric power systems
- Electrical machines and drives
- Power electronics & applications
- Electrical materials

(6) DAE BRNS National Laser Symposium (NLS-24)

Date: 2-5 December 2015

Location: Raja Ramanna Centre for Advanced Technology, Indore (M.P.)

Topics Covered:

- Physics and technology of lasers
- Lasers in nuclear science & technology
- Laser materials, devices components
- Nonlinear, quantum and atom optics

- Ultrafast lasers & applications
- Lasers in materials science
- Laser plasma interaction
- Lasers in industry and defense
- Laser spectroscopy and applications
- Lasers in chemistry, biology & medicine
- Laser based instrumentation
- Electronics and instrumentation for lasers

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- and systems
- Bioinformatics and machine learning algorithms
- Multimedia processing technologies and systems
- Power systems
- Language technologies and information retrieval
- Machines and instrumentation

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(7) IEEE UPCON 2015

Date: 4-6 December 2015

Location: Allahabad, Uttar Pradesh, India

About the Conference:

The Conference is sponsored by IEEEUPSection. There are multiple tracks in the conference covering areas of electronics, computer and electrical engineering

Topics Covered:

- Electronics devices, circuits and systems
- Network technologies and systems
- Signal processing
- Data mining & big data analysis
- Communication technologies

(1) 2nd Annual MilSatCom Latin America

Date: 22-23 September 2015

Location: Maceio, Brazil

Topics Covered:

- Brazil's SGDC (geostationary defence & strategic communications satellite) program
 - Update on the goals and timelines of SGDC program
 - Optimizing X and KA Band secure transmissions through the Telebras's PNBL (broadband network)
 - Controlling the operational element: reviewing plans for the sixth regional command (Brasilia) and naval radio station (Rio de Janeiro)
 - Why effective collaboration between national agencies and defence industry will ensure the success of SGDC; evaluating the contribution of:
 - Thales alenia space
 - Telebras
 - Brazils ministry of defence
 - National institute for space research
 - Next steps for the 5.8t satellite and launch plans for 2016
- Panel: Developing a national satcom programme to increase joint force effectiveness: how brazil will advance domestic satellite surveillance and ensure security and safety of olympics
 - Current SatCom Plans relating to the RIO Olympics
 - How joint forces will coordinate
- in real time to detect and the threat
- Role of Brazilian industry in advancing C2
- Chile's new FASat-charlie satellite: Delivering effective coverage for national defence through enhanced sensory capability
 - Role of FASat-Charlie in Chile's defence national defence program
 - Air force operational command priorities for satellite control and optimization
 - FASat-Charlie's sensory applications: Maximizing capacity and coverage
 - Future upgrade requirements: Improved payload and digital imagery
 - Evaluating the benefit of Chile's joint military and civilian satellite program
 - Future plans for increased space capacity for Chile
- High throughput satellite communications for government and military applications
 - O3b networks provides global HTS communications services over a constellation of medium earth orbit (MEO) satellites
 - Unique capabilities include: up to 1.6 Gbps throughput, round trip latency of 150msec or less, and steerable beams that provide services where you need it/when you need it
- Secure Latin American

- gateways located in Hortolândia, Brazil and Lurin, Peru
- Supported applications include: In-theater, deployable 3G/4G LTE backhaul; secure global cloud (Big Data) services; latency sensitive ERP applications, and high throughput maritime communications (>400Mbps)
- Peru's plan for new high-resolution optical reconnaissance satellite
 - Overview of Peru's newest highest resolution satellite
 - Maximising image intensification
 - Capturing off-nadir imagery
 - High resolution advantages for defence operations
 - Optimised processing capacity
 - Image analysis and data processing center requirements
 - 2016 launch plans
 - Managing real time satellite communication data for a more effective command and control operational structure
 - Bandwidth enhancement through improved power capability
- Promoting local technologies and systems as well as encouraging international partnerships and collaboration: Abimde's role in driving forward Brazil's defence industry
 - ABIMDE's structure and mandate for enhancing local defence industry
- The importance of satellite programs to defend Brazil's national security and CNIA
- How international companies can cooperate and collaborate with the Brazilian Armed Forces
- Future opportunities for defence contracts in the Brazilian SATCOM market
- Panel: regional opportunities for satcom collaboration: Is the future bright for greater information exchange and interoperability between Latin American defence forces?
 - How information exchange and interoperability between nations will drive a greater regional defence capability
 - Examples of regional military communication joint force agreements
 - How standardisation and joint training will enhance information superiority
 - Regional joint force funding challenges and key strategies to overcome these
 - SATCOM predictions for 2025: Who will have national Satellite programs and how will this drive the need for a joint air space security agreement

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(2) Social Media within the Defence and Military Sector

Date: 19-20 November 2015

Location: London, UK

Organized by: SMI Group

Topics Covered:

- Social media—the question of audience versus influence?
 - Using social media as an instrument to influence and galvanise support for a specific defence diplomacy engagement activity or military operation
 - Does audience equate to influence?
 - Assessing how to overcome the challenges involved in rallying support
 - Case studies and examples of PR social media campaigns carried out by British Army Music
- Real, relevant and responsive creating meaningful content and managing engaged communities
- The effect of digital on military recruitment – an RAF perspective
 - Strategy of engagement from a two brands approach, regular and reserves, to a one brand one force concept
 - Providing an update on effectiveness and lessons learned from digital recruitment marketing campaigns
 - Reviewing digital's place in RAF'S wider communication agenda – how important is it?
- Rise of visual-impact of visual content creation
- Challenges and successes of BFBS
- Content delivery revolutionising the means of internal
- Communication and strengthening military morale
- Examining how visual and content have been perverted by extremist groups as a tool to reach, engage, secure and grow audiences
- Respond to this new threat?
- Countering social media terrorism: A US defense department perspective
 - Protecting members of the defense department against terrorist social media groups
 - Assessment of methods used by terrorist organisations to spread ideals
 - How to deal with the social media activity? What are the future trends and patterns of engagement?
 - Power of the social media generation – sustained and effective engagement
 - Does the military need a new approach?
 - Engaging with the youth and the social media generation on military's activities - case studies
- Roundtable discussion - social media's impact on military

operations: awareness versus security?

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(3) Military Airlift and Rapid Reaction Operations

Date: 1-2 December 2015

Location: Sevilla, Spain

Organised by: SMi Group

Topics Covered:

- EUMS perspective for the international strategic lift collaboration in EUCSDP missions and operations and disaster relief
- EU comprehensive approach to external conflicts and crises
- EU CSDP missions and operations (update of current missions)
- Support to EU-led military missions/operations and EUBGs preparation
- Strategic lift in crises response
- Use of EU MS transportation assets in support of EU Disaster response
- An update from the European Air Transport Command on current capacities and further expansion
- EATC's fleet and current capabilities following the accession of Spain and Italy
- An update on the goals and timelines of the EATC
- Evolution of heavy airlift wing
- Strategic airlift capability program
- SAC partners
- HAW organization
- Advancements
- SAC facilities
- IT systems
- The evolving HAW mission
- Transition out of afghanistan
- The demand in africa
- Increasing airdrop capabilities
- Future opportunities
- SAC program expansion
- Expanding partnerships
- Movement Coordination Centre Europe
- Worldwide military M&T business
- Current AT and AAR situation and availability
- How do we optimise military support systems
- Analysing current demand of air capabilities in Europe and beyond
- Safe capabilities and money for our nations

- Assessing the operational readiness for future challenges
- Allied movement coordination centre – lift in crisis
 - Operational context
 - Multi-national deployment planning and execution
 - Multi-modality
- Filling the airlift and aar gap in Europe
 - Developing more capability through the european defence agency
 - European cooperation to increase interoperability
 - Cost-effectiveness through the european air transport fleet partnership
- Panel discussion: how to maximise efficiency in rapid reaction operations and humanitarian relief operations
 - Overcoming the consistent challenges in rapid reaction operations
 - How to optimise humanitarian response and importance of planning for the unique
 - Challenges faced
 - How cooperation can be improved to maximise the response time
 - Lessons learnt from recent rapid reaction and humanitarian reactions
- Humanitarian civil-military coordination guidelines and beyond
 - Humanitarian logistics and its interoperability with militaries
 - Humanitarian civil-military guidance and policies
 - Emerging recommendations from the World Humanitarian Summit (WHS) discussion
 - Plugging into the humanitarian coordination mechanism
 - Global standards on the use of foreign military assets
 - Platforms for information sharing between humanitarians and the military
- How Emergency Response Coordination Centre has utilised airlift in response to recent humanitarian and national disasters
 - Role of the ERCC
 - EU MEDEVAC of Ebola Patients
 - Nepal earthquake disaster relief
 - Consular support

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(1) 34th Digital Avionics Systems Conference (DASC)

Date: 13-17 September 2015

Location: Corinthia Hotel

Prague, Czech Republic

Topics Covered:

- Avionics and ATM Systems:
 - Aircraft avionics and air traffic management systems. Emerging research, development, and analysis related to avionics equipage, aircraft interoperability, and ground and space-based infrastructures: Significant drivers for both the North American NextGen and Single European Sky (SESAR) Initiatives.
- Technical challenges:
 - Past mandates – impacts and improvement potential in relation to compatibility and retrofit possibilities, systems engineering, and displays
 - Current mandates – expectations and new requirements such as authentication and encryption, information assurance, and communications
 - Future mandates – policy and technology drivers for significant improvements in safety and efficiency, user operations, and security
 - Decision-support tools, information management systems, and knowledge-based systems to improve situation awareness, decision-making, predict change, and provide safe solutions in space, air, and ground systems
- Reliable communications, navigation, and surveillance technologies to enable the implementation of future atm systems to include sense and avoid systems that provide autonomous safe self-separation
- UAS and other technology introduction into the global airspace.
- Integrated modular avionics (IMA) & flight critical systems: Performance assessment and resource allocation processes and tools; design and integration Air traffic management: Systems that provide controllers with predictive information about local and national traffic flow, weather & routing for safe, efficient, & effective air transportation.
- Communications/navigation/surveillance (CNS) systems: data links, self-healing networks, wireless networks, quality of service (QoS), data buses, spectrum satellite-based navigation and landing systems, inertial navigation, and surveillance systems for traffic and collision avoidance
- Systems engineering design methods: hardware and software optimization systems development including processes, lessons-learned, and quantified methods for uncovering and proactively determining

latent design flaws or undesired performance characteristics

- Open architectures: open interface standards, viability of open and closed architectures, operating systems, ARINC-653, alternate API solutions, communication standards, use of commercial-off-the-shelf technologies; modularity vs. scalability
- Human factors: Automation methods such as mode awareness, flight deck displays, and decision support tools enabling data fusion from multiple sources to reduce pilot errors
- Software engineering: Development of large-scale systems with multiple design assurance levels, including novel approaches, processes and formal methods for design, testing, and certification
- Cyber security and information assurance: multiple independent levels of security/safety (MILS), physical and virtual system firewalls, data security for shared data buses, operating system security, information monitoring and quality assurance, information management
- Unmanned air systems: Avionics systems for large and small UAS, issues with integrating UAS into the Airspace, concepts on UAS Traffic management (UTM), and regulatory issues
- Space systems: Instrument/sensor (current & new tech-

nologies), spacecraft and launch vehicles; missions, systems engineering, requirements management, integration & test; space/ground communications, ground operations,

- DASC will offer two full days of professional education sessions spanning many engineering disciplines.
- Basic and advanced avionics systems
- Systems engineering
- Integrated modular avionics
- Space systems
- Surveillance and collision avoidance
- Communications and networks
- Navigation systems
- Software development, test, and certification (DO-178)
- Environmental qualification (DO-160)
- System safety
- Fault tolerant avionics systems design and validation

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(2) SAE 2015 AeroTech Congress & Exhibition

Date: 22-24 September 2015

Location: Seattle, Washington, USA

Topics covered:

- Aerospace operations
- Aircraft systems
- Automated fastening
- Aviation cyber-physical security
- Avionics
- Electronics
- Flight sciences
- Manufacturing
- Materials/structures
- Power systems
- Propulsion
- Safety
- Systems engineering
- Unmanned aerial systems

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(3) Asia Pacific International Symposium on Aerospace Aero-Dynamics & Design (APISAT)

Date: 25-27 November 2015

Location: Hilton Cairns, Queensland, Australia

Organised by: APISAT

Topics Covered:

- Computational fluid dynamics
 - Wind tunnel testing
 - Flow visualization
 - Unsteady aerodynamics
 - Acoustics
 - Computational fluid dynamics
 - Aircraft, helicopter, UAV design

- Structures & materials
 - Structural analysis, testing
 - Smart structures
 - Composite structures
 - Structural dynamics
 - Aeroelasticity
- Dynamics/control/avionics
 - Flight simulation
 - Guidance and control
 - ATM/CNS
 - Sensors and actuators
 - Satellite attitude control
- Combustion and propulsion
 - combustion analysis
 - Fuel injection
 - Engines
 - Cooling systems
 - Spacecraft propulsion

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(1) IIER 15th International Conference on Advances in Business Management and Information Technology (ICABMIT)

Date: 3 September 2015

Location: Bangkok, Thailand

Topics Covered:

- Information technology
 - Artificial neural networks, fuzzy systems and hybrid systems
 - Computational intelligence and evolutionary computation
 - Data communication, computer network, security & forensic
 - Decision support and recommender systems
 - Data mining, knowledge discovery, and knowledge management
 - Image processing & pattern recognition
 - Information retrieval, natural language processing, and ontology
 - Software engineering and software development
 - Web application & service
 - Computer science
 - Information technology and computer education
 - 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
- 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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<http://theiier.org/Conference/Bangkok/6/ICABMIT/>

(2) ISERD – 5th International Conference on Economics, Management and Social Study (ICEMSS)

Date: 3 October 2015

Location: Dubai, UAE

Topics Covered:

- Economics
 - Economic growth and job creation
 - Business dynamics
 - Owner and business characteristics
 - Innovation
 - Regulatory & 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
 - Cultural studies
 - Global studies

- Environmental studies
- Organizational studies
- Educational studies

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(3) Academics World 6th International Conference on Management and Information Technology (ICMIT)

Date: 3 November 2015

Location: Bangkok, Thailand

Topics Covered:

- Electronics and information technology
 - Circuit theory & its application
 - DSP and channel coding technology
 - Embedded system
 - Intelligent instrument and detection technology
 - Electromagnetic & microwave technology
 - Microelectronic devices & technologies
 - Information optics and electro-optical communication
 - Sensor technology
 - System integration technology
 - Optical fiber communication
 - Digital video/image communication
 - Computer communication and network security
 - Wireless communication

- technology
- Statistical signal processing
- Bioinformatics
- Pattern recognition and intelligent system
- Guidance navigation and control (GNC)
- Precision instrument & machinery
- Power semiconductor devices and power integrated circuit
- Semiconductor devices reliability
- Computer science & technology
 - Parallel distributed computing
 - Computer networks & communication
 - Information storage
 - Trusted computing and fault-tolerant computing
 - Distributed computer system
 - Embedded software
 - Operating system
 - Database system
 - Software engineering
 - AI and machine learning
 - Cognitive sciences and image thinking simulation
 - CAD/Computer Graphics
 - Integrated manufacturing system
 - Intelligent system design
 - Intelligent decision support
 - Computer vision & intelligent robot
 - Information security
- Internet, e-commerce & multimedia technology
 - Internet routing
 - Network security
 - Network management
 - Green network
 - Wireless network
 - P2p network
 - Mobile internet
 - Internet of things
 - Future of internet architecture
 - New multimedia sensor technology
 - Media information processing
 - Analysis and retrieval of media content
 - Multimedia communication and distributed multimedia systems
 - Multimedia systems and applications
 - E-commerce & management
 - E-government & management
 - Data management and smart technology in e-commerce & e-government
 - E-commerce network level
 - E-commerce security
 - Mobile commerce & applications
 - Multimedia technology in e-commerce
- Control and automation
 - Control system modeling and simulation technology
 - Intelligent optimization algorithm and the application

- Transmission &* control of fluid
- Mechatronics
- Simulation of production process
- MEMS
- Industrial robot and automation
- Network control
- Electrical automation
- Auto control system
- Intelligent traffic control
- Application of information technology in enterprise
 - Production design automation
 - Office automation system
 - Enterprise resource planning and management system
 - Decision support system
 - Artificial intelligence system
 - Real-time sales of POS Systems
 - Electronic data interchange Customer relationship management system
- Practices & cases in e-education
- Systems & technologies in e-education
- Applications and integration of e-education
- E-learning evaluation & content
- Campus information systems
- E-learning technologies, standards & systems
- Mobile learning
- Computer aided assessments
- Knowledge management
- Virtual learning environments
- Multimedia in e-learning
- Social benefits of e-learning
- Organisation learning
- Technology adoption and diffusion of e-learning
- E-learning
 - Systems, design, technologies
 - Portals and virtual learning
 - Environments
 - Course design
 - Emerging and best practices
 - Partnerships in e-learning
 - Evaluation of e-learning
 - Cross-cultural education
 - E-learning strategies
 - Social benefits of e-learning
 - E-learning effectiveness & outcomes
 - Web-based learning
 - Academic participation and freedom

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[http://academicworld.org/](http://academicworld.org/Conference/Bangkok/ICMIT/)

[Conference/Bangkok/ICMIT/](http://academicworld.org/Conference/Bangkok/ICMIT/)

(4) IRES-6th International Conference on E-education, E-business, E-management and E-learning (IC4E)

Date: 4 December 2015

Location: Dubai, UAE

Topics Covered:

- E-education
 - Systems, design, technologies

- Learner autonomy
- Security and confidentiality
- Self-learning integrated methodology
- Assertive and assistive educational technology
- Learning content management systems
- AV-communication and other media
- Digital classrooms
- E-commerce
 - B2B e-commerce
 - B2C e-commerce
 - E-government, policy and law
 - Business architectures
 - Mobile & pervasive commerce
 - Electronic markets and multiagent systems
 - Semantic web ontologies, rules and services
 - Digital goods and products
 - E-negotiations, auctioning and contracting
 - B2B, B2C, and C2C models
 - Agent-mediated e-commerce
 - E-marketplaces, e-hubs, and portals
 - Pervasive technologies for ecommerce
 - Dynamic pricing models
 - P2P-computing for e-commerce
 - E-payment systems
 - E-commerce content management
 - Consumer protection in
- E-commerce
 - ecommerce
- User behavior modelling
- Blended learning
- Collaborative on-line learning
- Content repositories
- Data envelopment analysis
- Meta data standards
- Ontologies
- Pedagogical models
- Needs analysis
- E-business
 - Innovative business models
 - Enterprise application integration
 - Business process re-engineering
 - Virtual enterprises & virtual markets, Virtual organizations & coalitions supply, demand & value chains
 - Customer relationship management
 - E-collaboration and e-services
 - Inter-organizational systems
 - Business process integration
 - E-work
 - Inter-workflow
 - Mobile business
- Other relative topics

Contact Information:

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FELLOWSHIPS

(1) Department of Science & Technology India-Japan Cooperative Science Programme (IJCSP)

Department of Science and Technology (DST), Ministry of Science & Technology, Government of India, New Delhi and the Japan Society for the Promotion of Science (JSPS) conduct the India-Japan Cooperative Science Programme (IJCSP) to promote bilateral scientific collaboration between Indian and Japanese scientists. Applications are invited from eligible Indian researchers/scientists to submit proposals for joint projects and joint workshops under IJCSP.

Areas of cooperation:

The support is available to the following scientific areas: [A] Fundamental Sciences: Physical and Chemical Systems 1. Condensed Matter Physics 2. Molecules and Molecular Assembly Science 3. Interface Science and Catalysis [B] Materials and System Engineering: Man-made Systems 1. Advanced Materials and Nanotechnologies includes areas of metal ceramic, polymer science & engineering and materials processes) 2. Engineering Sciences includes areas of manufacturing science and engineering and synthesis & analysis/optimization & simulation of engineering processes and systems) [C] Natural Systems: Life Sciences and Bioengineering 1. Molecular

and Chemical Biosciences 2. Biotechnology and Bioengineering 3. Medical Biosciences 4. Environmental and Agricultural Biosciences [D] Astronomy, Space, Earth System and Sciences 1. Astronomy, Astrophysics, and Space & Planetary Science 2. Geosciences (Marine, Meteorology, Geology, Paleontology) 3. Geophysics and Geochemistry for Global Issues (Global warming and Natural Resource)[E] Mathematics and Computational Science 1. Mathematical Science 2. Computational Science and Engineering

The joint application must include one Indian and one Japanese Principal Investigators, who would be responsible for technical as well as administrative co-ordination of the project and its periodic scientific and financial reporting to the DST/ JSPS respectively. The Principal Investigator (PI) and other investigators in India should be scientists/ faculty members working in regular capacity in UGC recognized universities/deemed universities/academic institutes & National Research & Development laboratories/institutes. It is preferred that a member of the project team may be designated as Co-PI. The Japanese PIs must be full-time researchers employed at Universities or other research institutions recognized by JSPS.

Further details in respect of Japanese participants JSPS website (www.jsps.gov.jp)

- DST provides the following support under the Programme: For Indian Researchers – Cost of International airfare to and from the designated research location, visa fee, air port taxes, overseas medical insurance premium for the approved visit duration and airport transfers in India.
- For joint workshops/ seminars to be organised in India, local travel cost of selected Indian participants and organizing expenses may also be considered for support as per DST norms.
- For Japanese Researchers– Costs of accommodation in a guest house, per diem and domestic travel expenses in India including airport transfers as per DST norms.

The deadline is 8 September 2015

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(2) J.C. Bose National Fellowships

The fellowship is meant to recognize active scientists and engineers for their outstanding performance and contributions. The fellowships are scientist-specific and very selective.

The scientists and technologists who are working in the academic sector, National labs and other recognised R&D institutions and centres of excellence are eligible for SERB support.

Guidelines for proposal:

The project proposals for consideration under the SERB scheme can be submitted anytime throughout the year. The Investigators may submit 20 copies of the proposal printed on both the sides of A4 size paper, properly stapled and without spiral binding along with the electronic copy of the proposal on a CD, preferably in MS Word. iii) The proposal should be prepared and submitted strictly according to the formats prescribed in this document. iv) The duration of the project should be of 3 years normally. vi) Please contact SERB if the acknowledgement letter mentioning the registration number of the project is not received within one month from the date of dispatch of the proposals. vii) Quote the registration number/ letter number (given by the SERB) and title of the proposals in all

future communications. viii) The information should be given under each section, even if it is Nil. No annexure(s) should be enclosed along with the project proposal.

General terms and conditions:

- The Principal Institution implementing the project assumes financial and other administrative responsibilities of the project.
- In case of multi-institutional project the Principal Investigator (PI) has to obtain formal agreement from the collaborating institutions/ scientists.
- International travel is not normally permissible under the project.
- The manpower recruited for the project is temporary and should be paid as per the rules of the institute and guidelines of the Govt. of India.
- It is the policy of SERB to maximize the use of equipment. In this light, Investigator shall permit the use of spare or ideal capacities of equipment procured under the project by bonafide users from the parent or nearby Institutes (research workers in other SERB/DST funded projects or other projects of the institute).
- Proposals are scrutinized by

experts in the field and after a peer review by PAC/Expert Committee, the SERB takes the decision.

- Role of the Co-PI(s) in the project should be clearly spelt out.
- In case of retired scientists there should be a Co-PI who will be in service during the duration of the project.
- Copies of the proposal and other required documents must be sent in one lot through proper channel to the following address. If the copies of the proposal are mailed in more than one package, the number of packages should be marked on the outside of each package.

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www.dst.gov.in

LIST OF JOURNALS AND INTERNET SITES COVERED FOR FICMST

JOURNALS

- *Aerospace International*
- *Asian Pacific Defence Reporter*
- *Asian Defence Journal*
- *Asian Military Review*
- *Aviation Week & Space Technology*
- *Airforce Magazine*
- *Arms Control Today*
- *Armada International*
- *AIT Technology Review*
- *Aero Mag*
- *Chemical Engineering*
- *Compendium Armada*
- *Defence & Maitime Review*
- *Defence Reporter*
- *Defence Watch*
- *Defence & Security Analysis*
- *Defence News*
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- *Digit*
- *Electro Optics*
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- *Electronics For You*
- *Eureka*
- *Flight International*
- *GPS World*
- *HIS Quarterly*
- *Indian Defence Review*
- *Indian Military Review*
- *Laser Focus World*
- *Military Technology*
- *MILTECH: Military technology*
- *New Scientist*
- *Naval Forces*
- *PC Quest*
- *Physics Today*
- *Shepherd Unmanned*
- *Science Reporter*
- *Shepherd Unmanned*
- *The Chanakya Aerospace Vehicles*

INTERNET SITES

- <http://cgv-conf.org/>
- www.conferencealerts.com
- <http://icitcs2015.weebly.com>
- <http://www.icivc.org/>
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