



F I C M S T

Forthcoming International Conferences on Military Science & Technology

Vol. 10 No. 1 January 2015

**Defence Scientific Information & Documentation Centre
Defence Research & Development Organisation
Ministry of Defence, Metcalfe House, Delhi-110 054
Tele: 011-23902403; Fax: 23819151
E-mail: director@desidoc.drdo.in**

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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5th International Conference on Pervasive and Embedded Computing and Communication Systems

Date: 11-13 February 2015

Location: ESEO, Loire Valley France

Topics Covered:

- Mobile and pervasive computing
- Security and privacy
- Ambient intelligence
- Ubiquitous computing systems
- Human-computer interaction
- Context-aware applications
- Pervasive health
- Distributed intelligent agents
- Mobile computing
- Location systems and technology
- Pervasive embedded networks
- Digital signal processing
- Time-frequency analysis
- Signal processing in communications
- Detection and estimation
- Image and multidimensional signal processing
- Multimedia communication
- Remote sensing and signal processing
- Adaptive systems
- Wavelet signal processing
- Digital filter design and implementation

- Software simulation
- Microcontroller applications
- Embedded systems design
- Software architectures
- Pervasive embedded devices
- Networking and connectivity
- Micro and nanotechnology
- Real time systems
- VLSI design and implementation
- Low-power electronics
- Embedded robotics
- Instrumentation and measurement
- Sensors and sensor networks
- RFID applications

Contact Information:

PECCS Secretariat

Av. D. Manuel I, 27A, 2º esq.,
2910-595 Setúbal - Portugal

E-mail: peccs.secretariat@insticc.org

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

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

Contact Information:

IPM, School of Computer Science,
FSEN 2009 Office, Niavaran
Square, Tehran, Iran
P. O. Box: 19395-5746
E-mail: fSEN09@ipm.ir
<http://fSEN.ir/2009/>

International Conference on Computer Science, Data Mining and Mechanical Engineering (ICCDMME'2015)

Date: 20-21 April 2015

Location: Bangkok (Thailand)

Topics covered:

- Computer science & data mining
 - AI and evolutionary computing
 - Algorithms and applications
 - Artificial intelligence
 - Control engineering
 - Data mining and management
 - Fuzzy, ANN
 - Genetic algorithms
 - Information & data security
 - Knowledge-based systems
 - MIS
 - Mobile networks & services
 - Pattern recognition

- Satellite & space communication
- Semantic web
- Signal processing
- Simulation, modelling, robotics
- Web engineering
- Mechanical engineering
 - Acoustics and noise control
 - Advanced energy sources
 - Alternate fuels
 - Mechatronics and robotics
 - Biological materials
 - Biomechanics
 - Biomedical engineering
 - Computational mechanics
 - Cryogenics
 - Dynamics and vibration
 - Industrial and systems engineering
 - Fusion energy
 - Manufacturing engineering
 - Material science & processing
 - Nonlinear dynamics
 - Optical and photonic materials
 - Plasticity mechanics, precision mechanics, mechatronics
 - Quality assurance and environment protection
 - Robotics
 - Smart materials

Contact Information:

E-mail: info@iieng.org

<http://www.iieng.org/2015/04/21/50>

Computer Science On-line Conference 2015

Date: 27–30 April 2015

Location: on-line, Czech Republic

Topics Covered:

- Artificial intelligence
- Algorithms, theory, and mathematics
- Programming languages
- Hardware & architecture
- Software engineering
- Security & privacy
- Data management
- Intelligent systems
- Networks & communications
- Distributed & parallel computing
- Cloud computing
- User-centric services
- Bioinformatics & computational biology
- Databases & information systems
- Applied computing

Contact Information:

<http://www.globaleventslist.elsevier.com/>

5th International Conference on Computer Communication and Management, ICCCM 2015

Date: 18-19 May 2015

Location: Roma, Italy

Topics Covered:

- Computing
 - Parallel and distributing computing
 - High-performance computing
 - Autonomic and trusted computing

- Software engineering and knowledge engineering
- Artificial intelligence and machine learning
- Control
 - Intelligent control
 - Fuzzy systems modeling, analysis and control
 - Hybrid systems modeling and design
 - Optimization and decision making
 - Fault detection
 - Systems identification
- Communication
 - Signal detection and parameter estimation
 - Signal, image and video processing
 - Speech and audio processing
 - Wireless communications
 - Communications transmission
- Management
 - Theories and practices in technology, policy, management
 - Theories and methodologies of enterprise management
 - Theories, methodologies and application of system engineering and operational research
 - Information economy and information management

Contact Information:

Mr. Seymour Jiang

E-mail: icccm@iacsit.org

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

International Conference on Computational Science

Date: 1-3 June 2015

Location: Reykjavík, Iceland

Topics covered:

- Scientific computing
- Problem solving environments
- Advanced numerical algorithms
- Complex systems: modeling and simulation
- Hybrid computational methods
- Web- and grid-based simulation and computing, parallel and distributed computing
- Advanced computing architectures and new programming models
- Visualization and virtual reality applied to computational science
- Applications of computation as a scientific paradigm
- New algorithmic approaches to computational kernels
- Computational humanities
- Education in computational science
- Large scale scientific instruments
- Computational sociology
- Medical and biomedical computational science

Contact Information:

Maria Gião

Intellegibilis Events Department

Av. Mariano Carvalho, 33, 1 dto

2900-487 Setúbal, Portugal

E-mail:iccs2015@intellegibilis.com

<http://www.iccs-meeting.org/iccs2015/>

9th International Conference on Interfaces and Human Computer Interaction

Date: 22–24 July 2015

Location: Las Palmas de Gran Canaria, Spain

Topics Covered:

- Affective user-centred analysis, design and evaluation
- Value of affective interfaces/ systems/application/interaction
- Measurement of success of emotional technology/ interfaces
- Supporting user populations from specific generations
- Supporting user populations with intellectual disabilities
- Creativity support systems
- Emotional design issues/ methods / experiences for novel interfaces including tangible, mobile and ubiquitous computing, mixed reality and multi-modal interfaces
- User studies and fieldwork
- Methodological implications of emotional user studies
- Participatory design and cooperative design techniques
- Ethical issues in emotional design
- HCI and design education

Contact Information:

Conference secretariat:
secretariat@ihci-conf.org

<http://ihci-conf.org/>

XIII International Conference on Biotechnology and Life Sciences

Date: 9-10 March 2015

Location: Miami, USA

Topics Covered:

- Biotechnology in agriculture
- Biotechnology in health care
- Food and bioprocess technology
- Petroleum and environmental biotechnology
- Immunology and stem cell therapy
- Genetic engineering and rDNA
- Biochemistry, cell and molecular biology
- Microbiology and microbial world
- Animal biotechnology
- Bioinformatics and biosensor
- Marine biotechnology and renewable energy technology

Contact information:

Palms Hotel & Spa | circa 39 hotel, 3025 Collins avenue, Miami Beach, FL 33140

<http://internationalscienceindex.org/event/2015/03/miami/ICBLS>

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,
- Biomaterials, biomechanics
- Biomonitoring
- Biophysics
- Biopolymers

Contact Information:

NH Laguna Palace
Viale Ancona, 2 30172
Mestre, Venezia, Italy
<https://www.waset.org/conference/2015/04/venice/ICBLS>

9th Annual American Food Technology & Innovation Summit 2015

Date: 14-15 April 2015

Location: Westin Chicago North Shore, Chicago, IL

Topics covered:

- Exploring current consumer trends in food, and opportunities for innovation in R&D
- Reducing cycle time to market
- Consumer demands for sodium reduction and its substitutes
- Developing an effective allergen control program (ACP)
- Clarifying what consumers consider clean label
- Eliminating chemical preservatives while maintaining shelf life
- Quantitative facts on GMO and the impact on human health?

Contact Information:

<http://www.thefoodsummit.com>

Nanoscale Science & Engineering for Agriculture & Food Systems

Date: 7-12 June 2015

Location: Bentley University, Waltham, MA

Topcs Covered:

This conference is a scientific forum for researchers of Nanotechnology for Agriculture and Food Systems. Research areas encompass nanotechnology research advances across the field of agricultural science, inclusive of food science, plants/soil, animal science, engineering, bioenergy, nano-biomaterials, health, societal implications and sustainability.

Contact Information:

Gordon Research Conferences
512 Liberty Lane, RI 02892, USA
<http://www.grc.org/programs.aspx?id=16884>

12th International Congress on Engineering and Food (ICEF12)

Date: 14-18 June 2015

Location: Qubec City, Canada

Topcs Covered:

- Advances in food engineering
- Emerging technologies and novel processes
- Modeling in food engineering
- Sustainable engineering
- Future of food engineering
- Food quality evaluation throughout the food Chain
- Irregularities, upsets and breakdowns in food processing

Contact Information:

daphne.davies@campdenbri.co.uk

4th International Conference on Multifunctional, Hybrid and Nanomaterials (Hybrid Materials 2015)

Date: 9-13 March 2015

Location: Sitges, Spain

Topics Covered:

- Polymer chemists, physicists and engineers
- Biomaterials chemists, physicists and engineers
- Organic chemists
- Inorganic chemists
- Solid state chemists
- Sol-gel chemists
- Composites scientists
- Colloid chemists and physicists
- Zeolite, meso- and microporous materials scientists

Contact Information:

<http://www.hybridmaterials.conference.com/contact-us.html>

8th International Conference on Plasma-Nano Technology & Science

Date: 26-31 March 2015

Location: Nagoya, Japan, Asia

Topics Covered:

- Plasma science
 - Plasma sources and diagnostics
 - Thin films
 - Etching process plasmabio and medicine
 - Plasma for nanotechnology
 - Emerging plasma technology
- Nitride semiconductors
- MBE growth of nitrides

- Characterization
- Device processing
- Optical and electrical devices
- Nanomaterials
 - Nanocarbon
 - Porous materials
 - Surface modification/surface functionalization
 - Composite/functionally grade
 - Nanoparticles/wires/nanorods
 - Soft nanomaterials

Contact Information:

isplasma@yssf.jp

7th International Conference on Computational Methods and Experiments in Materials Characterisation

Date: 22 - 24 April, 2015

Location: València, Spain

Topics Covered:

- Cementitious materials
- Computational models and experiments
- Corrosion problems
- Advances in composites
- Micro and macro materials characterisation
- Fracture and fatigue problems
- Mechanical characterisation and testing
- Recycled materials
- Structural health monitoring
- Energy materials

Contact Information:

Wessex Institute of Technology
Ashurst Lodge, Ashurst,
Southampton, SO40 7AA, UK

<http://www.wessex.ac.uk/15-conferences/materials-characterisation-2015.html>

ICBCM 2015 : XIII International Conference on Biobased Chemicals and Materials

Date: 27 - 28 April 2015

Location: Paris, France

Topics Covered:

- Bio-based chemicals, plastics and composite materials
- Biocomposites and green composites
- Bioplastics for durable applications
- Modern biorefinery
- Sustainable materials for manufacturing
- Bioeconomy
- Bioplastics, biocomposites and biorefining

Contact Information:

Holiday Inn Paris Montparnasse
Avenue Du Maine, 79-81
Paris, 75014 France

<http://internationalscienceindex.org/event/2015/04/paris/ICBCM>

ICMSEM 2015 : XIII International Conference on Materials Science, Engineering and Manufacturing

Date: 27-28 April 2015

Location: Paris, France

Topics Covered:

- Advanced design technology
- Materials science and engineering

- Advanced manufacturing technology, manufacturing systems and equipment
- Automation, control and IT
- Manufacturing engineering, system and simulation, processes and technology
- Cellular manufacturing
- Lean and agile manufacturing
- Nano fabrication and precision engineering
- Mechatronics
- Computer aided metrology
- Materials science
- Composites
- Nanomaterials
- Surface modification technologies
- Materials characterization
- Industrial automation and process control
- Intelligent controllers
- Virtual instrumentation in automation
- Machine vision system
- Industrial robots and automation
- Controllers and distributed control system
- Embedded system
- Sensors for automation
- Vibration engineering

Contact Information:

Holiday Inn Paris Montparnasse
Avenue Du Maine, 79-81
Paris, 75014 France

<https://www.waset.org/conference/2015/04/paris/ICMSEM>

ICECCE 2015 : International Conference on Electronics, Computer and Communication Engineering

Date: 21-21 April 2015

Location: Boston, USA

Topics Covered:

- Electronics, computer and communication engineering
- Electronics and communication systems engineering
- Electrical engineering, computer science and technology
- Computer systems engineering and technology
- Computer science, electrical and electronics engineering, systems technology, electronics engineering
- Computer networks and communications engineering
- Adaptive and non-adaptive filtering and implementations
- Biomedical signal and image processing
- Cognitive, cellular, and heterogeneous wireless networks
- Communications receivers
- Computer networks and security
- Control applications, control design methods, control system modeling and identification
- Digital communications
- Discrete and hybrid systems
- DSP for communications
- Electrical machines and drives
- Grid and cloud computing
- Image processing
- Mobile and wireless communications
- Mobile computing and communication networks
- Multimedia, real-time networking, and network modeling
- Network algorithms and performance evaluation
- Network architectures and clean-slate designs
- Networks and QOS
- Nonlinear control
- OFDM and CDMA
- Power systems
- Scalable, reliable, and energy-efficient networks
- Security, privacy, and trust
- Sensor networks, embedded systems, and pervasive computing
- Signal processing and applications
- Space-time coding
- Speech and audio processing
- Streaming and content distribution networking
- Video and multimedia signal processing
- Wireless LAN, ad hoc, and mesh networks

Contact Information:

Hilton Boston Downtown/Faneuil Hall, 89 Broad Street, Boston, Massachusetts, 02110, USA
<http://www.scholarly.org/event/2015/04/boston/ICECCE>

ICPEDS 2015 : XIII International Conference on Power Electronics and Drive Systems

Date: 14-15 May 2015

Location: Amsterdam, The Netherlands

Topics Covered:

- Power semiconductors, passive components and packaging technologies
- Motor drives and motion control
- Analysis and design of electrical machines
- Hard-switching and soft-switching static power converters
- Switch-mode power supplies and UPS
- Applications of power electronics in power system and generation
- Power quality issues, harmonic problems and solutions
- EMI/EMC
- Power electronics in traction and automotive
- Bearingless drive technologies
- Power electronics in home appliance, industry, aerospace
- Renewable energy technologies
- Modeling and simulation in power electronics
- Bio-medical power electronics
- Telecommunication power supply
- MEMS
- Power integrated circuits (PIC)
- Power engineering related technologies

Contact Information:

NH Naarden Hotel

IJsselmeerweg 3, 1411 AA

Naarden, The Netherlands

<http://internationalscienceindex.org/event/2015/05/amsterdam/ICPEDS>

ICEICE 2015 : International Conference on Electronics, Information and Communication Engineering

Date: 14-15 May 2015

Location: Amsterdam, Netherlands

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

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- Integrated optics
 - Information and communication engineering
 - Artificial intelligence
 - Bioinformatics
 - Software engineering
 - VLSI design and fabrication
 - Photonic technologies
 - Parallel and distributed computing
 - Data mining
 - Cryptography
 - Algorithms and data structures
 - Graphs and combinatorics
 - E-commerce and e-learning
 - GIS
 - Networking
 - Signal processing
 - Embedded system
 - Communication and wireless systems, electronic devices
 - Multimedia systems applications
 - Emerging technologies
 - Coding and signal processing
 - Channel coding
 - Space-time signal processing MIMO and OFDM systems
 - Signal detection and estimation
 - Audio/speech signal processing
 - Image/video processing coding
 - Medical imaging and analysis
 - Applied electronics
 - Embedded systems
 - Reconfigurable computing
 - Biomedical electronics
 - Industrial electronics

- Robotics
- Software engineering in electronics
- Applications of neural networks
- Industrial automation and control

Contact Information:

NH Naarden Hotel, IJsselmeerweg 3, 1411 AA Naarden, The Netherlands

<https://www.waset.org/conference/2015/05/amsterdam/ICEICE>

ICB 2015 : XIII International Conference on Bioelectronics

Date: 21-22 May 2015

Location: Berlin, Germany

Topics Covered:

- Biosensors and bioelectronics
- Biosensing technology
- Biophotonics
- Security and sensing
- Photonic sensor technologies
- Nano-bio-optics
- BioMEMS/NEMS
- Advancement in nanotechnology
- Bioinstrumentation
- Environmental biosensors
- Biosensors for imaging
- DNA chips and nucleic acid sensors
- Sensor networks and data Communications
- Nanobiosensors
- Nanobioelectronics
- Biosensing technology
- Application of biosensors in drug delivery and clinical chemistry

Contact Information:

Hollywood Media Hotel GmbH
Kurfürstendamm 202, 10719 Berlin
<http://internationalscienceindex.org/event/2015/05/berlin/ICB>

ICEEGS 2015 : XIII International Conference on Electronics Engineering and Grid System

Date: 21-22 May 2015

Location: Berlin, Germany

Topics Covered:

- Smart grid modeling, dynamic analysis, monitoring, control and protection, networking, power electronics
- Standardization
- Field trials, deployments
- Photovoltaic, wind turbine, Electrical machines, materials electromagnetics
- High voltage technique
- Power electronics and applications antennas
- Mechatronics communication
- Control theory & optoelectronics
- Robotics and automation systems biomedical electronics
- Intelligent systems sensors
- Electronics instrumentation
- Qos architectures
- Embedded system
- Multimedia systems applications
- Emerging technologies
- Artificial intelligence
- Bioinformatics
- Software engineering
- VLSI design and fabrication
- Photonic technologies
- Parallel & distributed computing
- Data mining
- Cryptography
- Wireless networking
- Optical communications
- Multimedia communications
- Network performance, security, technologies, planning, design
- Digital, advanced adaptive, communication signal processing
- Spectrum estimation & modeling
- TF spectrum analysis & wavelet
- Higher order spectral analysis
- Adaptive filtering & SP
- Array signal processing
- Hardware implementation for SP
- Speech and audio coding
- Speech synthesis & recognition
- Image processing
- Video compression & streaming
- Computer vision & VR
- Pattern recognition
- AI & neural networks
- SP for internet and wireless communications, bio-medical & cognitive science, bioinformatics, security
- Biometrics & authentication
- Radar signal processing
- Sonar signal processing and localization

Contact Information:

Hollywood Media Hotel GmbH
Kurfürstendamm 202, 10719 Berlin
www.waset.org/conference/2015/05/berlin/ICEEGS/

ICDSS 2015 : XIII International Conference on Defence and Security Sciences

Date: 8-9 April 2015

Location: Dubai, UAE

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, reasoning
- Information forensics
- Document classification and processing
- Ontologies and conceptual information processing
- 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
- Adaptive planning for strategic reasoning
- Intelligent methods in energy and transportation
- Biometric identification and recognition, surveillance, 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
- Economic fraud on internet: phishing, pharming, spam, click
- Email and web security
- Intellectual property protection
- Metering, watermarking, and digital rights management.
- Computer science, namely on HPC and grid computing issues
- Computational sciences, with requirements in hpc and grid
- Computational engineering
- Grid middleware, grid computing, data and networking infrastructures
- Distributed and large-scale data access and management
- Data repositories, distributed resource management
- 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
 - Programming tools for grid computing.
 - Infrastructure as a service
 - Virtualization in data centers, resource management and qos assurance
 - Security aspects of using virtualization
 - Virtual networks, Virtual data, storage as a service
 - Fault tolerance in virtualized environments
 - Virtualization in p2p systems, virtualization-based adaptive/autonomic system, virtualization technology, techniques for energy/thermal management, tools, deployment studies
 - Case studies on IAAS platforms
 - Performance modeling *Contact Information:*
Crowne Plaza Dubai Deira
Salahuddin Road, Deira
P.O. Box 8668, Dubai, UAE
<http://internationalscienceindex.org/event/2015/03/dubai/ICDSS>
- First Asian Conference on Defence Technology (ACDT2015)**
Date: 23-25 April 2015
Location: Hua Hin, Thailand
Topics covered:
- Rockets and missiles
 - Missile and aircraft aerodynamics
 - Flight dynamics and simulations
 - Flight test and system identification
 - Wind tunnel testing
 - Heat transfer in defence applications
 - Weapon effectiveness
 - Propulsion and technologies
 - Modeling and simulation of rocket engines and propulsion systems
 - Control navigation and guidance system
 - Explosive and blasting
 - Warhead mechanisms & effects
 - Protection of combat vehicles, aircraft
 - Multi-scale mechanics
 - Unmanned vehicle systems
 - Airspace control, integration
 - Interoperability
 - Security airworthiness
 - Navigation
 - Standardization, certification
 - Risk analysis
 - Testbeds
 - Vehicle for defence
 - Automotive, marine, aerospace technology, platforms
 - Vehicle performance and survivability
 - Fluids engineering systems & technologies in vehicle system
 - Materials vehicle structures, systems, design, and complexity in vehicle system
 - ICT for defence
 - Defence architecture, IT service

-
- management, architectures
 - Smart technology for defence
 - Smart grid, smart home
 - Smart military base

Contact Information:

E-mail info@acdt.info

<http://saki.siiit.tu.ac.th/acdt2015/>

Sensor Signal Processing for Defence SSPD Conference 2015

Date: 9-10 September 2015

Location: Royal College of Physicians, 9 Queen Street, Edinburgh

Topics Covered:

- Array signal processing
 - Image processing
 - Radar, sonar and acoustic
 - Multimodal signal processing
 - Multi-target tracking
 - Signal acquisition and sensor management
 - MIMO
- Data fusion
 - Source separation
 - Anomaly detection
 - Distributed signal processing
 - Low size weight & power solutions
 - Target detection & identification
 - Electro-optic sensing

Contact Information:

Janet Forbes, School of Engineering, University of Edinburgh, The King's Buildings, Edinburgh, EH9 3JL

E-mail: janet.forbes@ed.ac.uk

<http://www.see.ed.ac.uk/drupal/udrc/sspd/>

ICDSS 2015 : 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
- 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/ICDSS>

International Conference for Aerospace Experts, Academics, Military Personnel, and Industry Leaders

Date: 7-14 March 2015

Location: Yellowstone Conference Center, Big Sky, Montana

Topics Covered:

- Science and aerospace frontiers
- Space missions, systems and architectures
- Antennas, RF/microwave systems, and propagation
- Communication & navigation systems & technologies
- Observation systems technology
- Remote sensing
- Spacecraft avionics systems, subsystems, & technologies
- Spacecraft & launch vehicle systems & technologies
- Air vehicle systems and technologies
- Software and computing
- Diagnostics, prognostics and health management (PHM)
- Ground and space operations
- Management, systems engineering and cost
- Government plans, policies

Contact Information:

www.aeroconf.org

First International Symposium on Sustainable Aviation (ISSA-I)

Date: 31 May-3 June 2015

Location: Istanbul, Turkey

Topics Covered:

- Sustainable aviation and aerospace vehicle

- Sustainable aircraft, helicopters, missiles, launchers and satellites design, innovation, R&D
- Mathematical modeling, numerical/experimental methods
- Green aircraft, airlines, airports, engine, aerospace vehicle
- Renewable energy sources; alternative/green aviation fuels
- Air conditioning and refrigeration applications of aircrafts
- Energy, exergy, performance analysis, flight mechanics and computational fluid dynamics
- Performance analysis
- Propulsion technologies for aerospace vehicles
- Avionics and auto control
- Aerospace vehicle materials, measurement techniques, sensors
- Airport design, management, planning, development
- Aircraft maintenance, airworthiness, reliability/safety

Contact Information:

Assist. Prof. Dr. Onder Altuntas

E-mail: onder@issasci.org

issa@issasci.org

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
- Automation, mechatronics and robotics
- Automobiles
- Automotive engineering
- Ballistics
- Biomechanics
- Biomedical engineering
- Cad/cam/cim
- Composite and smart materials
- Compressible flows
- Computational mechanics
- Computational techniques
- Dynamics and vibration
- Energy engineering and management
- Engineering materials
- Fatigue and fracture
- Fluid dynamics, CFD
- Fluid mechanics and machinery
- Fracture
- Fuels and combustion
- General mechanics
- Geomechanics
- Health and safety
- Heat and mass transfer
- HVAC
- Industrial and systems engineering
- Industrial, mechanical, systems science and engineering
- Instrumentation and control
- Internal combustion engines
- Machinery and machine design
- Manufacturing systems engineering
- Marine system design

Contact Information:

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

2nd International Conference on Aerospace Engineering

Date: June 14-15, 2015

Location: Saint Petersburg, Russia

Topics Covered:

- Acoustics and noise control
- Aerodynamics
- Applied mechanics

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

Contact Information:

Conference Secretary

Tel: +1-562-606-1057

E-mail:icoae@scie.org

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

ICIESM 2015 : International Conference on Innovation, Entrepreneurship and Strategic Management

Date: 08-09 April 2015

Location: Dubai

Topics Covered:

- Clustering, science parks and incubation
- Communication in organizations
- Competence management
- Creation and management of family business
- Culture, networks and entrepreneurship/innovation
- Ergonomics, health, safety and environmental issues
- Finance, risk and marketing management
- Global economic and managerial issues in logistics
- Human resources management
- Humanities and management
- Innovative and creative talents management
- Innovative management
- Integrity and anticorruption
- Intercultural management- the meaning of intercultural communication in business
- International business and management studies
- International entrepreneurship
- Managerial linguistics
- Networking, social media, new methods in management
- Open innovation
- Organizational challenges

- Opportunity development and the entrepreneurial process
- Public policy and entrepreneurship/innovation
- Public relations management
- Role of higher education in entrepreneurship and innovation
- Science and technology entrepreneurship and innovation
- Social issues in management
- Strategic management
- Strategic management and innovation in entrepreneurial organizations
- Technology transfer and absorption

Contact Information:

Crowne Plaza Dubai Deira
Salahuddin Road, Deira
P.O. Box 8668, Dubai, UAE

<http://www.lacademyofscienceandtechnology.org/event/2015/04/dubai/ICIESM>

ICISEM 2015 : XIII International Conference on Information Systems, Engineering and Management

Date: 13 - 14 April 2015

Location: Venice, Italy

Topics Covered:

- Information management
- Business strategy and information systems
- MIS
- Information systems planning and management
- Internet technology

- Human factors in information systems
- Knowledge acquisition, expert systems
- Systems analysis and design methods
- Object-oriented enterprise modeling
- Knowledge based systems to support database design
- Distributed information systems, electronic commerce
- Accounting and financial information system
- Auditing and it governance
- Information quality and strategy
- Decision support system
- Information systems management
- E-commerce
- IT management
- IT education and society
- Knowledge management
- Enterprise information systems- ERP
- Public policy management
- Engineering and software development
- Project management
- IT security
- ICT
- Accounting
- Business administration
- Business policy and strategy
- Economics
- Electronic commerce
- Entrepreneurship
- Financial and banking
- Health care administration
- Human resource
- Information system and technology
- International business
- Management and organization behavior
- Management information system
- Managerial consultation
- Marketing
- Operations management
- Organizational development and change
- Non-profit sector management
- Social issues in management
- Technology and innovation
- Web technology and management
- E-business engineering and management
- E-commerce platforms, models and applications
- Workflows and transactions in e-business
- Management and engineering of it-enabled services
- Requirement analysis and modeling of e-business systems
- Dependability and performance of e-business systems
- Business performance management
- Data and knowledge engineering for e-business
- Mobile and pervasive commerce
- Security, privacy in e-commerce

- Open source technologies in e-commerce/business/services
- E-commerce models, applications and technologies
- Service oriented computing for e-business
- Theory and practice of modern management
- Logistics and supply chain management
- Human resource management
- Tourism management
- Modern marketing management
- Technical innovation and management
- E-commerce and corporate information
- Modern quality management
- Knowledge management

Contact Information:

NH Laguna Palace

Viale Ancona, 2 30172

Mestre, Venezia, Italy

<https://www.waset.org/conference/2015/04/venice/ICISEM>

ICDSM 2015 : International Conference on Decision Sciences and Management

Date: 21-21 April 2015

Location: Boston

Topics Covered:

- Accounting, auditing and compliance
- Behavioral aspects of operations management
- Capital markets, trading and portfolio management

- Decision sciences and management
- Decisions sciences in governmental and social sector organizations
- Financial risk management
- Global investment decision making
- Global supply chain management
- Industry sector-specific decision making and strategy formulation
- Innovations and entrepreneurship
- Innovations in information technology applications
- Innovative applications in modeling and decision techniques
- Issues in global banking
- Operations management and operational strategy
- Performance and revenue management
- Product, services and knowledge management
- Risk and disaster management
- Strategic HRM, culture and behavioral impact on performance
- Family business management

Contact Information:

Hilton Boston Downtown/Faneuil

Hall, 89 Broad Street, Boston,

Massachusetts, 02110, USA

Tel: +1-617-556-0006

<http://internationalscienceindex.org/event/2015/03/prague/ICDSM>

FELLOWSHIPS

INDIA INNOVATION GROWTH PROGRAMME

The India Innovation Growth Programme is a joint initiative of the Department of Science and Technology, Govt. of India; Lockheed Martin Corporation; Indo-US Science and Technology Forum, Federation of Indian Chambers of Commerce and Industry; Stanford Graduate School of Business and the IC2 Institute at the University of Texas. The aim of this programme is to accelerate innovative Indian technologies into the global markets. The India Innovation Growth Program is the only program of its kind, because of its focus on teaching using world-class commercialization strategies and the business development assistance provided.

During the first phase of the programme, the project team comprising of subject matter experts from FICCI will select 100 innovative technologies from a wide range of sectors such as aeronautics, agriculture, biotechnology, chemistry, communications, computing, defense, electronics, environment, health care, information technology, manufacturing, materials, life sciences, nanotechnology, petrochemical, semiconductors and transportation.

FICCI approved applications and technologies will be evaluated and

ranked by a joint team comprising all programme partners. Predefined parameters (such as development status, patent status, funding required to technology development, etc.) will be used to select the most appropriate technology companies to go forward in the programme. The assessment will be done in two phases. During the first phase, evaluators review and offer constructive feedback on the technical and commercialization potential of the application submissions. In the second phase refined applications are scored based on predefined parameters and evaluator feedback to select the top 50.

During the 2nd phase of the program, the selected 50 innovators will be given week long advanced training in basic principles of product commercialization, readiness for market, business models, IP rights, competitive positioning, and mechanisms for revenue by experienced faculty members from the Stanford Graduate School of Business. The Entrepreneurship Workshop will provide training to the innovators and prepare them to participate in Innovator's Competition.

The top 50 innovators will then present their innovations to a panel of judges comprising renowned technologists and

commercialization experts from India and the United States. At the end of the competition, 30 best innovations will be awarded

Thereafter, the top 50 innovators will receive professional business development assistance from FICCI and top 8 both by FICCI and the IC2 Institute, University of Texas. The business development managers at FICCI and IC2 Institute work towards assisting the winners in commercialising their technological innovations and finding them suitable business partners in India as well as global markets. The last date of submission of innovation is 15 January 2015.

For further information, visit:

<http://www.indiainnovates.in/aboutprogram.aspx>

TWAS FELLOWSHIP FOR RESEARCH AND ADVANCED TRAINING

Department of Biotechnology, Govt along with the Third World Academy of Sciences (TWAS) provides 50 fellowships annually in biotechnology for doctorate and post-doctorate studies to students from developing countries. Fellowship recipients study at Indian universities and research institutes. The programme is administered in collaboration with the International Centre for Genetic Engineering and Biotechnology (ICGEB). Last date for submission of completed applications to the TWAS office is 31st August of each year.

TWAS is an autonomous international organization founded in Trieste, Italy, in 1983. Its principal aim is to promote scientific capacity and excellence for sustainable development in the South. Since 1986, TWAS has been supporting scientists and institutions in developing countries through a wide range of programmes that focus on scientific capacity building largely through South-South cooperation. The administration and financial operation of TWAS is undertaken by UNESCO. The Research and Advanced Training Fellowship is offered to young scientists in developing countries to enable them to spend between 3-12 months at a research institution in a developing country other than their own. These fellowships are to enhance the research capacity of promising scientists, especially those at the beginning of their research career, helping them to foster linkages for further collaboration.

The fellowships are for research and advanced training. They are offered to young scientists holding at least an MSc or equivalent degree. Eligible applicants are young scientists working in any area of natural sciences who are citizens of a developing country and are employed by a research institution in a developing country. There is no age limit. However, preference is given to young scientists at the beginning of their research career and those working in Least

Developed Countries (LDCs). Women scientists are especially encouraged to apply.

Fellowships are awarded by the TWAS Fellowships Committee on the basis of scientific merit. The deadline for receipt of all applications (Parts 1 and 2) is 1 October of each year. Applicants must apply to only one TWAS Fellowship Programme per year. For example, applicants to the Research and Advanced Training programme cannot also apply to other TWAS Fellowship Programmes, including those provided through CAS (China), CNPq (Brazil), CEMB, ICCBS (Pakistan), IACS, DBT, CSIR and S.N. Bose (India), USM (Malaysia), CONACYT (Mexico) and TWOWS Postgraduate Training Fellowships

For further information, please visit:
TWAS Fellowships Office
ICTP campus, Strada Costiera 11
34014 Trieste, Italy Tel: +39 040
2240 687 Fax: +39 040 2240 689
E-mail: fellowships@twas.org
http://dbtindia.nic.in/wp-content/uploads/2014/03/RADT_Word.pdf

IAS-STS FELLOWSHIP PROGRAMME 2015/2016

The Institute for Advanced Studies on Science, Technology and Society (IAS-STS) in Graz, Austria, promotes the interdisciplinary investigation of the links and interactions between science, technology and society, as well as technology assessment and research into the development and implementation

of socially and environmentally sound technologies. IAS-STS is an institute for the enhancement of science, technology and society studies and invites researchers to apply for a stay between 1 October 2015 and 30 June 2016 as a Research Fellow (up to nine months); or Visiting Scholar (shorter period, e.g. a month).

The IAS-STS offers excellent research infrastructure. Close cooperation with researchers at the IFZ (Inter-University Research Centre for Technology, Work and Culture; see: www.ifz.aau.at), guest lectures, colloquia, workshops, and conferences provide an atmosphere of creativity and scholarly discussion. Furthermore, it can offer five grants, worth EUR 940, per month, for long-term Research Fellows at the IAS-STS.

The Fellowship Programme 2015-2016 is dedicated to projects investigating the following issues:

- Gender-Technology-Environment
- Life Sciences/Biotechnology
- Sustainable and Innovative Public Procurement & Ecodesign
- Towards Low-Carbon Energy Systems
- Sustainable Food Systems

Applications must be submitted to IAS-STS by 31 December 2014.

For further information, please visit:
www.ias-sts.aau.at
E-mail: ias-sts@aau.at

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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For further information, please contact

Sh. SK Jindal, Director, DESIDOC, Metcalfe House, Delhi-110 054

Sh. Ashok Kumar, Asso. Director, DESIDOC, Delhi-110 054

Smt Alka Bansal, Scientist E, DESIDOC, Delhi. Tele: 011 - 23902469

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