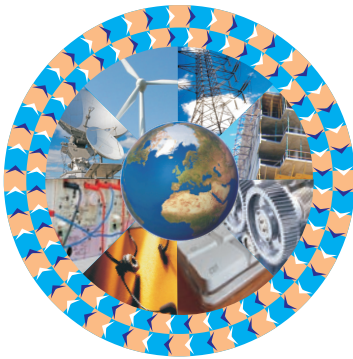


2015 IEEE International Conference

on

**SMART TECHNOLOGIES AND MANAGEMENT
FOR COMPUTING, COMMUNICATION, CONTROLS,
ENERGY AND MATERIALS**



ICSTM 2015

6TH - 8TH MAY 2015

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OKLAHOMA STATE UNIVERSITY

The university founded on December 25, 1890 is located in Stillwater, a north-central Oklahoma community at approximately 60 miles from the Tulsa and Oklahoma city. The University is co-educational and has an enrollment of over 33,000 students on its four campuses. It offers bachelor's, master's and doctoral degree in a large number of fields as well as the professional doctor of osteopathic medicine and doctor of veterinary medicine degrees. Specialist in education degrees are also offered in selected fields. The university has many distinct infrastructural facilities. OSU's 2 million volume library backed by its original counterparts, its modern research laboratories and equipment, excellent physical education, recreation and student union facilities, nationally-recognized residence halls programs, outstanding cultural events and 36 nationally-affiliated fraternities and sororities etc, all provide a stimulating educational and social environment.

SCOPE

IEEE ICSTM 2015 offers a unique opportunity to all researchers across the globe to share the knowledge of smart technologies and management on Computing, Communication, Controls, Energy and Materials. In recent times, Multidisciplinary research plays a vital role in technological growth. Several research groups are tackling highly complex systems by designing experiments that give unambiguous information even under complex situations. IEEE ICSTM 2015 provides an excellent platform for academicians, researchers and industrialist to discuss various issues in interdisciplinary areas that provide sound knowledge for advancement of research. In addition this conference will facilitate in fostering close relationship among researchers and felicitate for strengthening their domain knowledge and field of research.

OUTCOMES

The delegates are able to

- Gain knowledge from various domains and also attainment of facing practical problems.
- Refine their idea will motivate their involvement in research activities.
- Exposed about the recent advancement in their particular domain.
- Publish their research articles in IEEE digital library which is indexed by Scopus and also in Scopus indexed referred journal.

CALL FOR PAPERS

IEEE ICSTM 2015 invites Research articles from engineering professionals, industries, R&D organizations, academicians, employees of government departments and scholars across the globe. The full length original research manuscript should not exceed eight pages and it has to be as per the IEEE double column format. Further the manuscript should contain the name of the corresponding author with e-mail id and affiliation of all authors. The softcopy of the full length manuscripts (in .doc or .pdf) shall be submitted through <https://easychair.org/conferences/?conf=icstm2015> as per the IEEE prescribed format.

COMPUTING

- ❖ Big Data
- ❖ Bioinformatics & Computational Biology
- ❖ Brain Computing
- ❖ Cloud Computing
- ❖ Computing and Processing
- ❖ Context-aware intelligent computing
- ❖ Data Mining & Data Warehousing
- ❖ Green Computing
- ❖ Simulation and computational modeling
- ❖ Soft Computing
- ❖ Ubiquitous Computing
- ❖ Grid Computing
- ❖ Intelligent e-Technology such as e-Science, e-Business, e-Learning, e-Finance, e-Government and related technologies.
- ❖ Mobile ad-hoc Networks
- ❖ Mobile Computing
- ❖ Network Security
- ❖ Neural Networks
- ❖ Pervasive Computing
- ❖ Quantum computing
- ❖ Sensor Networks

COMMUNICATION

- ❖ Antennas, RF microwave
- ❖ Broadband and Cellular Networks (3G/4G, WiMAX / LTE, UWB)
- ❖ Communication, Cognitive Radio and Cognitive networks
- ❖ Communication, Networking and Broadcast Technologies
- ❖ Communications Systems Integration & Modeling
- ❖ Cyber security and Encryption techniques
- ❖ Digital Image Processing
- ❖ Fault Detection and Management
- ❖ Multimedia and multicast communications
- ❖ Multi-model Communications Networks
- ❖ Next-generation Communication Networks
- ❖ Routing and Flow Control in LANs, WANs and PANs
- ❖ Signal Processing and Analysis
- ❖ Video Distribution (IPTV, Mobile Video, Video on Demand) .
- ❖ VLSI Based System Design and Embedded System
- ❖ Wireless Communication

CONTROLS

- ❖ Adaptive / Robust / Optimal Control
- ❖ Aerospace
- ❖ Biomedical Instrumentation and applications
- ❖ Components, Circuits, Devices and Systems
- ❖ DSP and VLSI base process control
- ❖ Earth Station Systems and Technology
- ❖ Industrial Drives and Control
- ❖ Intelligent Control
- ❖ Mechatronics
- ❖ Neural networks and Fuzzy Systems
- ❖ Power Convertors Topologies and Design
- ❖ Process Control and Control Systems
- ❖ Real Time Control Systems
- ❖ Robotics and Automation .
- ❖ Tuning of PID Controller
- ❖ Virtual Instrumentation

ENERGY

- ❖ Advancement in Solar Energy System
- ❖ Energy Audit, Conservation & Green Energy technologies.
- ❖ Environment friendly Design and Systems
- ❖ Fields, Waves and Electromagnetics
- ❖ Future Challenges and Directions for RES
- ❖ Geoscience
- ❖ Micro and Nano technologies in Energy Systems.
- ❖ New Trends and Technology for RES
- ❖ Power, Energy and Industry Applications
- ❖ Renewable and alternate energy technologies
- ❖ Safety and Security of Renewable Energy System .
- ❖ Tidal, Wind, Geothermal & Ocean Energy and other emerging technologies.

MATERIALS

- ❖ Composite materials and Structural dynamics
- ❖ Damage and fracture mechanics
- ❖ Engineered Materials, Dielectrics and Plasmas
- ❖ Magnetic Materials
- ❖ Thermo Electric Materials
- ❖ Bio Materials
- ❖ Ceramic Materials
- ❖ Nano Materials and Devices
- ❖ Nuclear Materials
- ❖ Optical and Photonic Materials and Devices
- ❖ Smart Materials / MEMS and Sensors
- ❖ Super Conducting Materials
- ❖ Topological Insulator Materials.

PAPER SUBMISSIONS

The softcopy of the full length manuscripts (in .doc or .pdf) shall be submitted through <https://easychair.org/conferences/?conf=icstm2015> in the IEEE prescribed format as specified in the following link http://www.ieee.org/conferences_events/conferences/publishing/templates.html

AUTHOR INSTRUCTIONS

The manuscript should contribute original research ideas, development areas, result analysis, research based findings, etc. The manuscript should not be communicated/accepted/published either in any of the journals/magazines or conference proceedings and it should not go under reviews of any of them.

All the papers must follow the IEEE format.

➤ Manuscript Templates

MS Word and pdf templates for conference papers (US-letter or A4 page size) are provided at:http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Authors are requested to refer the IEEE Pdf Express Instructions from conference website for the submission of final camera ready copy manuscripts.

<http://www.ieee.org/web/publications/pubservices/confpub/pdfexpress.html>

➤ Important IEEE Policy Announcement

Papers are reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference at the same time (double submission). These matters are taken very seriously and the IEEE will take action against any author who has engaged in either practice.

IEEE Web Page on Plagiarism: http://www.ieee.org/web/publications/rights/Plagiarism_Guidelines_Intro.html

IEEE Web Page on Double Submission: http://www.ieee.org/web/publications/rights/Multi_Sub_Guidelines_Intro.html

PROCEEDINGS

The accepted & registered manuscripts after reviewing will be published in the conference proceedings (IEEE PRINT Part No: CFP15B55-PRT, ISBN: 978-1-4799-9854-8, IEEE CD-ROM Part No: CFP15B55-CDR, ISBN: 978-1-4799-9853-1). Upon the recommendations received from the reviewers and session chairs, recommended papers will be published in IEEE Xplore (IEEE XPLORE Complaint Part No: CFP15B55-ART, ISBN: 978-1-4799-9855-5) (Satisfying the Rules and Regulations of IEEE CPP).

The Manuscripts Selected for Poster Presentations of ICSTM 2015 will be recommended to publish in SCOPUS INDEXED Journals (Refer: www.veltechuniv.edu.in/icst2015) with Authors concern.

IMPORTANT DATES

Submission of full length paper not more than 8 pages	-	15 th March 2015
Notification of Acceptance	-	29 th March 2015
Submission of camera ready paper with Registration	-	09 th April 2015
Conference Dates	-	6 th , 7 th & 8 th May 2015

ACCOMMODATION

Accommodation will be provided in the hostels inside the campus or in nearby hotels in Chennai on request. On prior intimation, reservation will be made in hotels in Chennai City. Hotel tariff ranges from ₹1000-3000. Transport will be available from the hotels to the venue of the conference.

CONFERENCE FEE

Category	IEEE members	Non IEEE members
Industry / R&D	₹ 5,000/-	₹ 6,000/-
Academic Institutions	₹ 4,000/-	₹ 5,000/-
UG/PG Students & Research Scholars	₹ 3,000/-	₹ 4,000/-
Foreign Delegates	US \$ 200	US \$ 300
Tutorial / Workshop*	₹ 1,000/-	₹ 2,000/-

*Tutorial / Workshop topic will be displayed in the conference website by March 2015

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