2015 IEEE International Conference on
SMART TECHNOLOGIES AND MANAGEMENT FOR COMPUTING, COMMUNICATION, CONTROLS, ENERGY AND MATERIALS

ICSTM 2015
6TH - 8TH MAY 2015

CALL FOR PAPERS

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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 academician, 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 facilitate 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
- 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
- New Trends and Technology for RES
- Power, Energy and Industry Applications
- Renewable and alternate energy technologies
- 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 been communicated/accepted/published either in any of the journals/magazines or conference proceedings and it should not gone 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.

- **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.

PROCEEDINGS


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 - 15th March 2015
- Notification of Acceptance - 29th March 2015
- Submission of camera ready paper with Registration - 09th April 2015
- Conference Dates - 6th, 7th & 8th 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

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<tr>
<th>Category</th>
<th>IEEE members</th>
<th>Non IEEE members</th>
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<tr>
<td>Industry / R&amp;D</td>
<td>₹ 5,000/-</td>
<td>₹ 6,000/-</td>
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<tr>
<td>Academic Institutions</td>
<td>₹ 4,000/-</td>
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<tr>
<td>UG/PG Students &amp; Research Scholars</td>
<td>₹ 3,000/-</td>
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<td>Foreign Delegates</td>
<td>US $ 200</td>
<td>US $ 300</td>
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<tr>
<td>Tutorial / Workshop*</td>
<td>₹ 1,000/-</td>
<td>₹ 2,000/-</td>
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*Tutorial / Workshop topic will be displayed in the conference website by March 2015*
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