

International Conference on COMPUTATIONAL TECHNIQUES, ELECTRONICS AND MECHANICAL SYSTEMS

K.L.S. Gogte Institute of Technology, Belagavi, India

21 - 23 December 2018

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The objective of the conference is to provide a forum to exchange ideas and opinions on current and newly developing technologies for researchers and engineers from around the world through invited lectures. It also assembles the best talents from universities, research institutes, enterprises, and experts alike gather to collaborate and address current challenges, seek new windows for discovery and exploration in Electronics and Mechanical Engineering.



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Computational Techniques:

Database System
Software Engineering
Systems Software
Security
Management Information System
Data Communication and Networking
Miscellaneous
Machine Learning
High Performance Computing
High Speed Networking and Information Security

Electronics Systems:

3D Process and Integration Technologies
Advance Robotics systems
Airborne Vehicle Communication
Analog and Digital Electronics
Analog Circuits and Digital Circuits
Antenna Systems
Antennas and Waves- Design, Modeling and Measurement
Applied electronics
Artificial Intelligence / Semantic Web & Ontology

Mechanical Systems:

Applied Operations Research
Artificial Intelligence in Manufacturing
Artificial Vision
Business Process Management and Modeling
Material Science
Materials and Material Processing
Mechanical behavior
Mechanical Metallurgy
Mechanics of Deformable Bodies
Mechatronic

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SPECIAL SESSIONS

- Future Trend in IoT Technologies
- Green Computing Models, Simulations, Designs, and Paradigms
- Energy-efficient Data Center and Cloud Technologies
- Bioinformatics and Health Informatics
- Research in Computer Security
- Smart Grids by the Application of ICT
- Green High-performance Computing and Applications
- Semantic Technologies for Devices and Services
- Computer Vision, Graphics and Image Processing
- Big Data: Challenges & Opportunities
- Human Computer Interaction: Challenges & Models
- Brain Computing Interfaces
- Bi-clustering Data
- Swarm Intelligence
- Data and Knowledge: Representation & Applications
- Fuzzy Sets and Systems: Theory and Applications
- Neurocomputing: Practice and Applications
- Parallel Computing: Architectures & Applications
- Network Security, Services and Applications
- Emerging Technologies For Next Generation Network & Applications
- Systems, Web & Software Engineering
- Internet of Things and Communication
- Computing for Sustainable - Software Systems Perspective
- Edge Computing and Internet of Things
- Communication Engineering and Technology
- Wireless Sensor Networks and its Applications
- Product Design and Development / CAD-CAM-CAE
- Automotive Electronics
- Robotics and Automation
- Mechatronics, MEMS and NEMS
- Condition Monitoring
- RPT and Reverse Engineering
- Applications of IOT in Mechanical Engg
- Signal Processing

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Gogte Institute of Technology, the flagship Institute of Karnatak Law Society, Belagavi was inception in 1979 and it is included under the section 2(f) and 12(b) of UGC act 1956, permanent affiliate and an Autonomous Institution under Visvesvaraya Technological University, Belagavi. Spread across a sprawling mango meadow of over 23 Acres, GIT, houses 07 under graduate and 09 post graduate disciplines including MBA and MCA programs. GIT has the honour of sheltering over 4500 students and more than 250 highly qualified and motivated work force.

To know more about KLS Gogte Institute of Technology, please visit: <http://www.git.edu/>

SPEAKERS

Prof. Dr. Daniel Thalman

Founder of The Virtual Reality lab (VRlab) at EPFL, Switzerland

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Submission Link:

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YOU'RE INVITED!

If you like to organize a special session or like to recommend someone as invited presenter or like to join the TPC, please write to : chair@ctems-conference.org.

KEY DATES

Paper Submission Due	20 October 2018
Acceptance Notification Due	30 October 2018 (Onwards)
Registration & Final Paper Upload Due	30 November 2018
Conference	21 - 23 December 2018

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