



## Chairman's Message



Dear Members

A new year has dawned. At the outset, I wish all the IEEE members of India Council A Very Happy and Prosperous New Year 2010 and Sankranti.

We have celebrated the 125<sup>th</sup> Anniversary of IEEE all over the world and especially in India. India Council supported and organized number of conferences successfully in 2009. INDICON 2009, the flagship conference of IC, organized by Gujarat Section under the leadership of Dr. Anil Roy, Gujarat Section Chair and Prof. S.L. Maskara, Chair of the organizing committee. A total of 150 papers were selected for presentation from 1000 papers submitted. About 150 participants attended the conference in spite of the disturbances in some parts of the country. The IEEE conference on Technologies for Humanitarian Challenges organized by IEEE India Ad Hoc Committee and supported by IC on August 28 was also a big success with Dr. John Vig, IEEE President and other officials from IEEE.

Some regular events of IC, like All India Students Congress and M V Chauhan All India Student Paper contest did not take off in spite of our good efforts.

The INDICON 2010 will be organized by Kolkata Section under the leadership of Mr. Kalyan K Mallik, Chair, Kolkata Section. IEEE history Centre has recognized on principle, the Contribution of Sir J C Bose as a Milestone Achievement. INDICON 2010 will be a part of the tribute to great scientist.

We would like to have proposals from members for organizing INDICON 2011, All India Student Congress (AISC) 2010 and 2011 which can be forwarded through their respective section chairs.

IEEE Kerala Section, together with HTC and GOLD, is organizing an International Conference on the theme "Humanitarian Technology Challenges of the 21st Century" during 20-21 Feb 2010 at Udaya Samudra Resort, Kovalam, Trivandrum, India.

Once again with best wishes for the New Year to all Members.

KASI RAJGOPAL

## Message from India Council Secretary



Dear Members,

Wish you all a Very Happy and Prosperous New Year 2010 !

Year 2009 ended with the grand note of multiple IEEE activities at various places in India, the last one being INDICON 2009 organized by Gujarat Section.

Keeping the same tempo the New Year also started with the grand IEEE 125th Anniversary celebrations of Hyderabad Section held on 3rd January, 2010 having the IEEE President elect 2010 Dr. Moshe Kam as the Chief Guest. I wish that all other Sections also plan great events of IEEE marking its 125th Anniversary during 2010.

I request all the current members to renew their membership and also induct as many new members as possible to help IEEE grow in India in a big way.

IEEE Standards Association is meeting at Bangalore and Delhi during 9 – 12th March, 2010 with some talks & Industries outreach. Any one interested in getting the benefit of these meetings may write to Dr.V.R.Singh, the Delhi Section Chair or the undersigned.

Wishing you once again a great IEEE year !

Yours Sincerely,

K.RAMAKRISHNA

Secretary, IEEE India Council  
Email: kramakrishna@ieee.org

IEEE 125th year celebrations are over and IEEE HQ advised all concerned to replace "IEEE Celebrating 125th year of engineering" logo with normal IEEE logo now, IEEE office bears, please take note of this.

# FINAL CALL FOR PAPER

## 2010 IEEE INTERNATIONAL CONFERENCE ON MULTIMEDIA & EXPO (ICME 2010)

July 19-23, 2010 - Singapore - <http://www.icme2010.org>

### Overview:

With around 1000 submissions and 500 participants each year, the IEEE International Conference on Multimedia & Expo (ICME) has been the flagship multimedia conference sponsored by four IEEE societies since 2000. It serves as a forum to promote the exchange of the latest advances in multimedia technologies, systems, and applications from both the research and development perspectives of the circuits and systems, communications, computer, and signal processing communities.

### Paper Submission:

Prospective authors are invited to submit a full paper (two-column format, maximum 6 pages in length) according to the guidelines available on the conference website. Only electronic submissions will be accepted.

- Topics of interest include, but are not limited to: Speech, audio, image, graphics, video, text processing
- Signal processing for media integration
- Animation, virtual reality, and 3-D imaging
- Multimedia human-machine interface and interaction
- Multimedia communications and networking

- Multimedia security and content protection
- Multimedia databases and digital libraries
- Multimedia computing systems and applications
- Multimedia analysis and social media
- Hardware and software for multimedia systems
- Multimedia standards and related issues
- Multimedia quality assessment

ICME 2010 aims to have the top 15% papers accepted for oral presentation and additional 15% papers accepted for poster presentation. Several awards sponsored by industry and institutions will be given out. Best papers will be presented in a single-track session to all participants. Accepted papers should be presented, or else they will not be included in the IEEE Xplore Library.

### Workshops, Tutorials, Demos and Special Sessions:

A number of Workshops will be organized by the sponsoring societies. To further foster new emerging topics, ICME 2010 also welcomes researchers, developers and practitioners to organize regular Workshops. Interested organizers please contact the Workshop Chairs for further details. Proposals for Special Sessions, Tutorials, Demos, and Exhibitions are also encouraged.

Please visit the ICME 2010 website for submission details.

#### Important Dates:

Regular Paper Abstract Submission:	January 15, 2010 (Final Extension)
Regular Paper Submission:	January 15, 2010 (Final Extension)
Notification of Regular Paper Acceptance:	March 15, 2010
Camera-Ready Paper Due:	April 15, 2010
Special Session Proposal Due:	December 18, 2009
Workshop Proposal Due:	December 31, 2009

## Congratulations

**Prof. Ramalatha Marimuthu** (R10 WIE Coordinator, Chair, Women In Engineering Madras IEEE WIE Affinity Group, Chennai.)

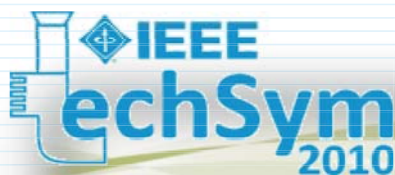
has been identified as the Life time Achiever by the Lions Club International for the work she has done in Academics and for the upliftment of society, though she is not a Lions member. The award is without nominations and is by open selection.

**Dr Surendra Pal**, Ex-Chairman of IEEE Bangalore section and Associate director of ISRO has been awarded by prestigious Judith A Resnik Award of IEEE Aerospace society for year 2010.



During the IEEE Computer Society Board of Governors meeting on Nov 16-17, 2009 the Board of Governors approved the formation of the new MGA (Member and Geographic Activities) Board, and also elected Prof S V Sankaran to head this new MGA Board as Vice President for 2010.

During 2009, he served IEEE CS as Vice President for Chapters Activities



## IEEE Students' Technology Symposium 2010

Indian Institute of Technology, Kharagpur

Kharagpur-721 302, India

3-4 April 2010

[www.techsym.in](http://www.techsym.in)

"Logic will get you from A to B. Imagination will take you everywhere." Albert Einstein

**M**ind of a student should be free to explore the universe of knowledge beyond realms of his academic portals. Such enlightenment can only come through interaction and involvement in activities in diverse domains. Freedom of ideation and excitement of being appreciated by peers can only but enhance this quest for excellence.

**IEEE TechSym 2010** is your chance to see the limelight of technical emergence and professional glory. Be ready for Two days of excitement and action all focused on technology that changes the world. The IEEE Student Branch of IIT Kharagpur and the IEEE Kharagpur Section creates this unique platform for you.

### MANUSCRIPT GUIDELINES

Manuscripts should be of at least 5 pages prepared according to IEEE two-column conference format on US letter-paper and support complete color illustrations. Articles prepared using Latex2e are encouraged. For more information please visit [http://techsym.in/instruction\\_to\\_authors.html](http://techsym.in/instruction_to_authors.html)

Best papers will be referred for extended publication through IEEE Multidisciplinary Engineering Education Magazine, and IEEE Potentials.

### SUBMISSION PROCEDURE

Submissions are accepted electronically at <https://cmt.research.microsoft.com/STS2009>

### OTHER EVENTS



**Technology Quiz**



**Scientific Model Making Contest**

A special track in the contest will be introduced with a separate award on behalf of WIE to encourage school girls to take up engineering as their career.

Further information and updates please visit [www.techsym.in](http://www.techsym.in)

### TECHNICAL CO-SPONSORS



**IEEE Kharagpur Section**

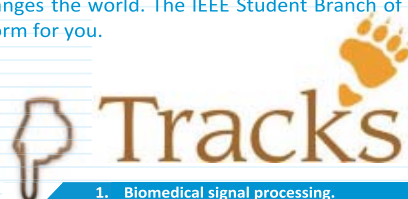


**IEEE Education Society**

**NiD**



**Authors beyond IEEE R-10 can deliver their presentations online.**  
Kindly send request for VideoConferencing to [peer.iitkgp@ieee.org](mailto:peer.iitkgp@ieee.org)  
<http://www.ieee.org/go/peer>



1. Biomedical signal processing.
2. Biomedical image and multidimensional signal processing.
3. Mathematical Inference for Health care.
4. Emerging trends in medical imaging.
5. Biomedical instrumentation & biosensors.
6. Bioinformatics and Computational Biology.
7. Neural systems and rehabilitation techniques.
8. Tissue engineering and Biomaterials in medicine.

Technology in Healthcare

1. Knowledge and Competencies in Engineering.
2. Infrastructure and Technologies for Engineering Education.
3. Innovative Materials, Teaching and Learning Experiences in Engineering Education.
4. Educational Methods and Learning Mechanisms in Engineering Education.
5. Attracting, Engaging and Retaining Human Talent to Engineering.

Technology in Education

1. Innovation in Aerospace.
2. Wireless Communications, Networking and Mobile Computing.
3. Computer -aided Design of Integrated Circuits and Systems.
4. Audio, Speech and Language Processing.
5. Geosciences and remote sensing.
6. Pattern Analysis and Machine Intelligence.
7. Very large scale integration (VLSI) systems.
8. Nanoscience and nanotechnology.
9. Low power embedded system.
10. Robotics.

Women in Engineering

1. User Interface design, evaluation, deployment
2. Affective Interfaces
3. HCI for Education
4. Multi-modal Interfaces
5. Assistive Technology
6. Ubiquitous Computing
7. Social factors in user interface design
8. HCI and Web Technology
9. Natural language interfaces
10. Adaptive user interfaces

Human-Computer Interface



Proceedings of IEEE  
TechSym 2010

### Important Dates:

Paper Submission (**extended**) : 15 Jan 2010  
Acceptance Notification (**extended**) : 15 Feb 2010  
Camera Ready Submission : 15 Mar 2010  
Presentation Submission : 15 Mar 2010

### Organized by:

IEEE Student Branch of IIT Kharagpur,  
Kharagpur-721302, India  
**Organizing Chair** : Debasis Samanta  
**Student Chair** : Somnath Dey  
**Phone No.** : +91-3222-88034  
**Email** : [techsym@ieee.org](mailto:techsym@ieee.org)

### 2009 IEEE MGA Achievement Award



Sampathkumar V

Sampathkumar Veeraraghavan (IEEE Madras Section) has been awarded with the 2009 IEEE MGA Achievement award

for the outstanding leadership and contributions made to numerous novel IEEE Humanitarian activities and the example set by him in carrying forward the goals and objectives of the IEEE MGA Board.

This award consists of a cash prize of US\$250 and a plaque.

### IEEE GOLD - Region 10 International Conference on Humanitarian Technology Challenges of the 21st Century

20-21 February 2010, Trivandrum, Kerala

The young engineers' programme of IEEE — Graduates of the Last Decade (GOLD) — together with IEEE Region 10 (Asia-Pacific) and HTC is organizing a conference on the theme 'Humanitarian Technology Challenges of the 21st Century' on 20 - 21 Feb 2010 at the Udaya Samudra Resort, Kovalam, Trivandrum, Kerala, India.

#### OBJECTIVES

IEEE believes that continuing conversations between different stakeholders — such as engineering professionals, governments, NGOS and civil society organizations, and students & young engineers — are required for the sustainable and effective use of I technology for advancement of humankind. The 2010 HTC-Gold Conference sets in motion this process of consultation between multiple stakeholders. IEEE HTC hopes to derive its priorities for the future from this conference, and seeks, at the end of this conference, to create a multi-stakeholder mechanism to continue the discourse on technology for development.

#### SUB THEMES

The conference programme has three sub-themes around the use of technology:

- Technologies for sustainable development
- Technologies for disaster management and
- Technologies for education

Please go to - [www.ieehtc.org](http://www.ieehtc.org) for more information

#### *Editor's Message:*



Dear Members from India,

India council has decided to publish IEEE Info electronically for time being and this is first ONLY electronic version of newsletter. I have taken over from Prof V K Damodaran as Editor, who has done exemplary services in past many years as editor of IEEE info. Please send news, article and any other relevant inputs for Newsletter to my email ID anytime. Your suggestions are always welcome. One good news I received at the time of publishing this news letter that IEEE Headquarter decided to establish India office very soon in India. This will be third office was of IEEE in Asia, after Singapore & China.

(Hitesh Mehta)

Editor