

International Conference on Advances and Emerging Trends in Computing Technologies

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Vice-Chancellor, Dr. P. Sathyanarayanan lighting the lamp.



Release of the Conference Proceedings

ICAET-10, the International Conference on Advances and Emerging Trends in Computing Technologies was hosted by the SRM University during 21-24, Jun 2010. The event was supported by the Div IV & II of the Computer Society of India, IEEE Computer Society Madras Chapter and University of Arkansas, Little Rock, USA Yahoo India & EMC sponsored the event.

The first day (21st Jun 2010) of the conference, provided the participants with the much needed fundamental ideas and concepts towards the theme through the following pre conference tutorials and workshops.

- 1) Mr. P. Ilayaraja, from Rediff.com delivered a tutorial on “Large Scale Data Processing and Storage”
- 2) Mr. S. Sudarsun, of Burning Glass Technologies and Prof Venkatesh Raman of Institute of Mathematical sciences presented tutorials on “ Text Mining and Recent Trends in Algorithms”, respectively.
- 3) Dr. Hugh Glaser, Professor from University of Southampton, UK, gave tutorial on “The Semantic Web and Linked Data”
- 4) Tutorial on the emerging technology, “Cloud Computing” was delivered by Mr. Lakshmi Narayana Rao and his team from JAM Cracker Inc, Bangalore
- 5) Day 1 also witnessed two workshops which provided hands-on-training for the participants one on “Cyber Forensics” was conducted by Mr. Satheesh Kumar and Mr.

K.L.Lloyd, Senior Scientific Officers from CDAC-Trivandrum and Mr. Padmanaban Ramaswamy, Director NexG Tech Labs, trained the Participants on “OPNET Modeler”.

On 22nd June, the conference, ICAET10 had its formal inauguration. Honourable Vice Chancellor presided over the inaugural function. At the inaugural session, Mr. Manish Mehta, Chief Delivery Officer, Mahindra Satyam was the Chief Guest and delivered the inaugural address. Dr. Kinji Mori, Professor from Tokyo Institute of Technology, released the Conference Proceedings and Dr. Anthony Cohn, Professor, University of Leeds delivered the Keynote Address.

After the Inauguration, plenary lectures and paper presentations, in the areas of Image Processing, Data Mining and Network Security were held. Dr Teruo Higashino, Osaka University, Japan delivered a plenary lecture on his ongoing Research Project - E-Triage-Designing Advanced Electronic Triage System for Efficient Rescue Operations. Repositories and Linked Data was the Lecture topic by Dr. Hugh Glaser from University of Southampton. The session on Network Security had a plenary lecture by Dr. Di Ma, University of Michigan-Dearborn, USA on the topic Intrusion Resilience for Unattended Wireless Sensor Networks. After a day full of technical talks and presentations, ICAET10 relaxed and entertained its guests and participants through a classical dance performance by Ms. Lakshmi Ramaswamy and her disciples in the evening.

On Day 3, technical sessions on Wireless Networks, AI, and Multimedia and Web Technologies took place in parallel sessions. Also, the Day 3 had the following 5 plenary lectures and one invited talk:

- 1) Dr. Srinivas Sampalli, Dalhousie University, Canada presented his lecture on the topic RFID and the Internet of Things.
- 2) Dr. J. N. Reddy, Distinguished Professor from Texas A & M University spoke on the current trends and future directions in computational Mechanics.
- 3) Concept oriented IT & Strategic R&D-Autonomous De Centralized system was the topic of the talk by Dr. Kinji Mori, Renowned Expert on Autonomous and Decentralized computing from Tokyo Institute of Technology.
- 4) Dr. Anthony Cohn, University of Leeds, UK delivered a lecture on Mining Video Data.
- 5) Dr. G.R. Liu, from National University of Singapore shared his views on Real Time Computation Models based on the W2 formulation for inverse analysis of Engineering Systems.

Invited Talk on Physical Computing: Introductory Education of the Embedded System using one chip microcomputer was given by Dr. Kazuaki Tanaka from Kyushu Institute of Technology, Japan.

ICAET10 had a unique session of its own, “Women in Computing” on Day 3 which had presentations from Dr. Di Ma, Dr. Bina Ramamurthy, Denise E.M. Penrose, Editorial Director, Elsevier, Asia Pacific, Dr. Sangeeta Bhattacharya, Intel Labs, India, and Dr. Mitun Bhattacharya and also witnessed a Panel Discussion.

On the last day, 24th Jun 2010, ICAET10 showcased a plenary lecture by Dr. Bina Ramamurthy Professor from SUNY, Buffalo on Cloud Computing, and an invited talk on the Role of Computation in Neoclassical Applied Mathematics by Dr. Phil Broadbridge from La Trobe University, Australia and research presentations on Advanced Networks.

Out of the 307 papers received for ICAET10 from around 10 countries, 84 papers were selected based on expert review, 73 papers were registered and 60 papers were presented in the conference. Out of the 10 international papers selected, 8 were presented during the conference. The conf. attracted close to 200 delegates including over 25 from abroad.