

NEWS LETTER

2nd June, 2010 Volume 1 Issue 5



Special Points of Interest

14CT

GISFI become Sector Member of ITU-T

20 Ph.D. Announcement

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INTERNATIONAL INSTITUTE OF INNOVATIONS IN ICT(I4CT)

A flourishing high-tech economy depends critically on a country's ability to provide two key elements: an outstanding research environment embedded in an excellent education system, and a deeply engrained culture of entrepreneurship. The International Institute for Innovation in Information Communication Technology (I4CT) will become an International Institute of Excellence with worldwide significance for PhD and post graduate education, research and entrepreneurship. Investment in Information Communication Technologies (ICTs) is the key factor in motivating innovations in companies, driving productivity growth, honing competitiveness and creating jobs. In some key areas - notably where ICTs can benefit society. I4CT will advance the research, development, and technical reputation of India by the



Inauguration of I4CT Building by the President of Aalborg University, Prof Finn Kjaesdam, Lonavala

joint effort and work with its Indian and European University Partners to lead the next revolution in ICT by the simultaneous focus given on the education, research and the marketplace. I4CT distinguishes itself from other Research and Development (R&D) initiatives by the expected impact of a joint Indian-European development of world-leading technology solutions with the primary objective of advancing education, research and commercialization and venture formation. I4CT will bring a major paradigm shift in higher education. With I4CT's new form of education, the education system in India which is mainly targeted towards achieving a job will move to the domain of innovative research leading to commercialization. Innovative research projects will lead to Intellectual Property Rights (IPRs). It's objectives are to register at least 100 PhD students in the identified areas in wireless communication, Biotechnology and Bioinformatics, Green Energy and conduct research useful /suitable to user industry, to register at least 50% patents out of the work done by the PhD students under the guidance of the eminent researchers all over world. It will also offer help /assistance /guidance /consultancy and other services to user industry in wireless communication. It will act as a leadership stake-holder in the development of 4G market in the country in liaison with other research groups and government of India.

Chairman's Message



**Prof. Ramjee Prasad
Chairman GISFI**

On June 21, 2010, at Hotel Ashoka, New Delhi, GISFI will launch its First Standardisation Series meeting. The GISFI Standardisation activities have the goal of integrating the Indian research and innovation in Information and Communication Technology (ICT) towards standardized solutions. The programme of the meeting is honoured by distinguished guests from the Indian Government as well as distinguished researchers actively involved with standardisation on one or several of the GISFI standardisation topics. The launch of the GISFI Standardisation Series comes after a recent international recognition of GISFI by other major standardisation bodies, such as ETSI, ARIB and ITU, as well as by the European Commission. The GISFI Standardisation Groups will focus the already ongoing discussions concerning the specific GISFI standardization topics, in order to make recommendations as to how standardization can respond to them. GISFI is continuing to grow stronger by means of its Membership Programme. Several new industrial organisations of international standing have joined or indicated interest for joining GISFI. As the GISFI Founding Chairman, I would like to cordially encourage you to continue your strong support for the mission of GISFI. For those of you, who are not part of the GISFI activities, I would like to extend my open invitation for attending our Standardisation Series meetings and joining the GISFI Membership Programme towards new unreach heights in the ICT area.

From Director General Desk

It gives me a great pleasure to announce that the launch of the GISFI Standardisation Series comes after a recent international recognition of GISFI by other major standardisation bodies, such as ITU, ETSI, ARIB and by the European Commission. Wireless World Research Forum (WWRF) and IEEE have also approached GISFI to sign the MoU. The discussions on the various GISFI standardisation topics have already started. Some of the specific issues identified for discussions in the GISFI Standardisation topic themes are the "Guidelines For Incremental Replacement Of Legacy Services" within the theme 'Convergence', while the theme Spectrum has been divided in two categories: (i) present/ immediate spectrum needs of mobile telecom services and (ii) Futuristic spectrum needs of mobile telecom services. It has been proposed that the topic of Internet of Things can be treated as an Umbrella over multiple domains of Industries, Technologies and even applications. The proposal for the Special interest Group (SIG) on Security and Privacy has also been distributed. I would strongly like to invite all interested telecom industry, network providers, service providers, manufacturers to join GISFI in order to support strong and focused discussions to ensure the progress of GISFI towards opening new horizons for the ICT development in India and worldwide.



K. Sridhara
Director General

RECENT PAST EVENTS

Inauguration of
International Institute of
Innovation for ICT.

Selection as ITU
sector member.

Visit of
Prof M D Tiwari
to Aalborg University
Denmark.

Strategic Workshop
held on May 27-28, 2010
in Florence.

GISFI was represented
in the Joint CTIF
workshop held in Aalborg

List of Members & Supporters

(category & alphabetically)

- NEC Japan (Corporate premium)
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- Motorola
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- Tejas Network Ltd (Corporate)
- COAI India (Institutional)
- IIIT Allahabad (Institutional)
- IIT Hyderabad
Institutional
- Sinhgad Institute of Technology,
Lonavala
Institutional
- Vihaan Networks Ltd.
Institutional
- Wireless Innovation Platform Labs
Institutional
- TEC/DoT (Strong supporter)
- Motorola (Corporate)

GISFI NEWS



Prof. M. D. Tiwari , Prof. Ramjee Prasad

**Visit of Prof M D Tiwari,
Director IIIT Allahabad,
to Aalborg Denmark**

- ◆ Prof. Tiwari's visit to Aalborg, pertained to detailed discussions for planning of the June 21-23 event, followed by the subsequent standards meeting on September 21-23 in Allahabad. Furthermore, Prof. Tiwari, held a comprehensive discussion about the standardization efforts in India and usefulness of GISFI in this environment.
- ◆ ITU Council, at its 2010 Session (13-22 April 2010) decided to add the Global ICT standardization Forum for India (GISFI) to the list of organizations exempted from any financial contribution to defraying expenses relating to its participation in the activities of Telecommunication Standardization Sector. This is notified vide Notification No.1509 of April 2010. .
- ◆ Mr Debasis Bandyopadhyay, Vice-President of TCS, represented GISFI during the Strategic Workshop held on May 27-28, 2010 in Florence, Italy. An open panel discussion was held during the workshop between GISFI (represented by Mr Bandyopadhyay), ARIB (represented by Vice Director General, Dr Hiroyo Ogawa) and ETSI (represented by the Director-General Dr Walter Weigel) where the fruitful interactions between the three organizations were discussed.
- ◆ Dr Kohei Satoh, the Managing Director of ARIB (Japan), has informed me that GISFI had been accepted as an observer to the meetings of the Global Standards Collaboration (GSC-15).
- ◆ GISFI is one of the consortium members of the recently approved EU FP7 Project CASAGRAS II: "Coordination and Support Action for Global RFID-related Activities and Standardisation-2" under the objective 1.3: Internet of Things and Enterprise Environments. The project has a duration of 24 months. The kick off meeting is on June 7, 2010 in Barcelona, Spain. Rajeev Prasad will attend the meeting on behalf of GISFI.
- ◆ The acceptance of GISFI to the CASAGRAS-2 consortium is a sign of approval of GISFI by the European Commission.



Strategic Workshop held in Florence, Italy.

From left to right as follows:
Dr Walter Weigel,
Director General of ETSI,
Dr Hiroyo Ogawa,
Vice Director General of ARIB;
Mr Debasis Bandyopadhyay,
GISFI Trustee member, and
Prof Dr Ramjee Prasad,
Founding Chairman of GISFI.



The group photograph of joint workshop on green energy with focus on cognitive networks and spectrum management.

- ◆ On May 31-June 1, GISFI was represented in the Joint CTIF workshop on "Green Energy" with focus on "Cognitive Networks and Spectrum Management". the following GISFI members attended the workshop and gave presentations: Mr TR Dua, COAI, India; Prof Susanta Sen, CTIF-India, Kolkata, Mr Balamurali, TCS, Prof P.K. Barhai, Vice Chancellor of BIT, Ranchi, Dr Sanjay Kumar, BIT, Ranchi. The workshop was a highly international event with renowned speakers from Europe, the United States and India who presented innovations and future trends in the area of cognitive networks and spectrum management and how these can be enablers of energy efficiency and environmental sustainability. ◆
- ◆ A green ICT infrastructure can be achieved in a variety of ways for example, by the use of energy-efficient resources and equipment, and deploying technologies such as virtualization and autonomic power optimizations, by developing new technology, such as new materials, lower voltage equipment, increased integration (e. g., system-on-a-chip) and power-aware ICT (both hardware and software), by improving the efficiency of ICT operations by, for example, using advanced cooling technology and power generation equipment; adopting best practices and known methods for operating ICT deployments, addressing end users and consumers and raising awareness.

GISFI Vice Presidents are nominated as follows:

1. Mr Basavaraj Hooli, Vice President of GISFI Membership Programme
2. Mr Munir Sayyad, Vice President of Publicity
3. Mr Ajay Ranjan Mishra, Vice President Corporate
4. Prof Dhananjay k. Singh, Vice President Administration
5. Prof Knud Erik Skouby, GISFI Advisor on Regulations and Policy

Upcoming Events:

- ◆ **June 21-23 2010**, venue : Hotel Ashoka New Delhi. The meeting will be hosted by Prof. M. D. Tiwari, Director IIIT, Allahabad. The contact point for the hotel accommodation and other related questions to the GISFI Standardisation Series Event, is Dr Seema Shah. The contact details are as follows : Dr. Seema Shah, Executive Secretary, IIIT, Allahabad, Tel: +91-532-2431684, 2922027, Mobile: +91 9415235174, Fax: +91-532-2430006, 2431689, E-mail: es@iiita.ac.in
- ◆ **September 21-23, 2010**, venue : IIIT-Allahabad. The meeting will be hosted by M.D. Tiwari, Director IIIT, Allahabad.
- ◆ **13-15 December 2010** : ITU-T Kaleidoscope 2010, Beyond the Internet ? Innovation for the future networks and services will be held at STES, Pune, India.
Important Dates: 30 April, 2010 : Submission of full paper proposals; 30 July, 2010: Notification of paper Acceptance;
 10 September, 2010: Submission of camera-ready accepted papers.
 Accepted papers will be presented during the event, published in the proceedings and made available through the **IEEE Xplore**.
- ◆ **February 28 - March 3, 2011** : Wireless VITAE 2011, Chennai, India.
Important Dates :
June 15, 2010 : Suggestions for workshop and panels
July 15, 2010 : Paper submission
September 15, 2010 : Acceptance notification .
November 15, 2010 : Camera ready submission.
February 28-March 3, 2011 : Conference.
May 2011, date to be fixed, venue : Rajiv Gandhi University of Knowledge Technologies (RGUKT), Hyderabad; hosted by Prof RV Rajakumar, Vice-chancellor of RGUKT/IIIT Kharagpur

Ph.D. Announcement



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in future events.
- One slot for a speaker
in the events.

Under this Proposal, second batch of 20 Engineers/Engineering faculty members all over India may take admission to Ph.D. programme at Aalborg University, Denmark. This is a part time programme, Candidate will stay there for three months per year. This programme will start from November, 2010 for three years.

Ph.D. environment is within five thematic areas of GISFI (Global ICT Standardization Forum for India):

- ◆ Convergence
- ◆ Internet of Things
- ◆ Future Radio Access Technology
- ◆ Green Energy
- ◆ Spectrum

Although this is very highly subsidized and enriched programme, the enrollment tuition fee is DKK 35000 annually. In addition, lodging, boarding and travel charges will be extra. Few Institutes in India are sponsoring the candidates partially. The second batch of 20 candidates will proceeding for Aalborg University Denmark in the month of November 2010.

Addition of Special Interest Group :

In the strategy panel discussion it was decided that six different topics are considered for standardization and six team has been formed and chairpersons are as follows: :

1. Special Interest Group: Krishna Sirohi.
2. Spectrum Group: P.K. Garg.
3. Internet of Things: Debasis Bandyopadhyay.
4. Future Radio Access Technology: Rajiv Mahotra.
5. Convergence: Parag Pruthi/Manish Purwar.
6. Green Energy: Anand Prasad

Membership

Sr. No.	Category	Admission Fee			Annual Subscription		
		INR	\$	€	INR	\$	€
a)	Corporate Premium	500,000	10,251	7,188	1000,000	20,502	14,376
b)	Corporate	300,000	6,151	4,313	500,000	10,251	7,188
c)	Institutional	100,000	2,050	1,438	200,000	4,100	2,875
d)	Individual	5,000	103	72	2,000	41	29
e)	Students	1,000	21	14	500	10	7

Note : Global ICT Standardization forum for India (GISFI) assumes no responsibility for the statements made and opinion expressed by speaker (s) and contributors. Printed and published by Dr. Dhanajay Kumar Singh on behalf of GISFI editorial board.