



Program

International Symposium on 5G

March 29-31, 2016

Venue: Indian Institute of Technology, Patna,
Amhara Road, Bihta, Patna

Patron: Prof. Pushpak Bhattacharya, Director, IIT Patna



Organized by Department of Electrical Engineering, IIT Patna

Organizing Chair: Dr. Preetam Kumar

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Day 1: Tuesday 29th March 2016

4th IEEE 5G Summit

Timing	Event	Speaker
10:00-11:30Hrs	Grand Opening	
10 - 10:10Hrs	Welcome address	Prof. Pushpak Bhattacharyya , Director, IIT Patna
10:10 - 10:30Hrs	Visionary Talk	Prof. Ramjee Prasad , Founder Chairman GISFI & Director, CTIF, Aalborg, Denmark
10:30 – 10:50Hrs	Introductory Talk	Dr. Smriti Dagur , President IETE, Guest of Honour
10:50- 11:10Hrs	Inauguration talk by the Chief Guest	Shri Ravi Shankar Prasad , Hon'ble Minister of <i>Communications and Information Technology</i> , Government of India
11:10 - 11:15 Hrs	Vote of Thanks	Dr Preetam Kumar , IIT Patna
11:15 - 11:30 Hrs	Tea/coffee Break	
11:30 - 13:30 Hrs	<u>5G Security</u> Moderator: Dr Anand Prasad, NEC Japan and Chairman, 3GPP Security	<ol style="list-style-type: none">1. Dr Anand Prasad, NEC Japan and Chairman, 3GPP Security2. Dr Debu Nayak, HUAWEI, India3. Ms Nidhi, WISDOM Ltd.
13:30 - 14:30 Hrs	Lunch	
14:30 - 16:30 Hrs	<u>5G Architecture, Network and Business Model</u> Moderator: Prof. R.V. Rajakumar, Director, IIT Bhubaneswar	<ol style="list-style-type: none">1. Prof Peter Lindgren, Aarhus University, Denmark2. Dr. Vinod Kumar, Former Director of Research, Alcatel Lucent Bell Labs, France3. Mr. Krishna Sirohi, i2TB Research Foundation & GISFI
16:30 - 17:00 Hrs	Tea/Coffee break	
17:00 - 19:00 Hrs	<u>5G spectrum & Access Technology</u> Moderator: Dr. Ashok Chandra , Former Wireless Advisor, Government of India	<ol style="list-style-type: none">1. Prof. Shu Kato, Tohoku Univ., Japan2. Mr. B. M. Baveja, DeitY, N-Delhi3. Dr Suvra S. Das, IIT Kharagpur4. Mr. Tilak Raj Dua, GISFI
19:15 - 21:30 Hrs	Gala Dinner	

Day 2: Wednesday 30th March 2016: IPR, Standardization and Industry-Academia Meet

Timing	Event	Speaker
09:00 - 11:00 Hrs	<p><u>Panel Discussion 1</u> IP and Innovation</p> <p>Moderator: Dr Shu Kato, Tohoku University, Japan</p>	<ol style="list-style-type: none"> 1. Dr. A.K.Garg, Scientist F, DeitY 2. Dr. Mayank Tiwari, Associate Dean (R&D),IIT Patna 3. Dr Balamuralidhar, TCS Innovation Lab, India 4. Mr. Krishna Sirohi, i2TB Research Foundation & GISFI 5. Dr. Shyam Chakraborty, Trinnect, Finland
11:00 - 11:30 Hrs		
11:30 - 13:30 Hrs	<p><u>Panel Discussion 2</u> IP issues in 5G technology and standards</p> <p>Moderator: Dr Shu Kato, Tohoku University, Japan</p>	<ol style="list-style-type: none"> 1. Dr Ashok Choudhary, Hon'ble IT Minister, Government of Bihar (Inaugural Talk) 2. Dr. Anshuman Nigam, Samsung 3. Dr. Kumar Padmanabh, Robert Bosch, Bangalore 4. Ms. Tulika Pandey, DeitY 5. Dr. Navin Kumar, Amrita Vishwa Vidyapeetham
13:30 - 14:30 Hrs		
14:30 – 16:30 hrs.	<p><u>Panel Discussion 3</u> Presentation from Industry and case study Moderator: Dr Preetam Kumar, IIT Patna</p>	<ol style="list-style-type: none"> 1. National Instruments 2. Rohde & Schwarz 3. Trinnect 4. Keysight 5. i2TB Research Foundation
16:30 - 17:00 Hrs	Tea/Coffee break	
17:00 - 19:00 Hrs	<p><u>Presentation from Industry- Academia and Networking meet</u> Moderator: Dr Preetam Kumar, IIT Patna</p>	<ol style="list-style-type: none"> 1. IIT Patna 2. BSNL 3. Airtel 4. Idea Cellular 5. Samsung
19:30 - 21:30 Hrs	Networking Dinner	

Day 3 : Thursday 31st March 2016: 24th GISFI STANDARDIZATION SERIES MEETING

Timing	
9:30 - 11:00 Hrs	<p>Security and Privacy GISFI Session 1: Security and Privacy Chair: Dr. Anand R. Prasad, NEC Vice Chair: Dr. Debu Nayak, Huawei Secretary: Mr. Balwant Sharma, Individual Member Special Presentation on 5G Security by Ms. Nidhi, WISDOM Pvt. Ltd</p>
11:00 - 11:30 Hrs	Tea/Coffee Break
11:30 - 12:30	<p>GISFI Session 2: Cloud Service Oriented Network (CSeON) Chair: Dr. Parag Pruthi, NIKSUN Vice Chair: Dr. Niranth Amogh, Huawei Special Presentation on Network Architecture by Dr. Vinod Kumar, Former Director of Research, Alcatel Lucent Bell Labs, France</p>
12:30 - 13:30	<p>GISFI Session 3: Special Interest Group Chair: Mr. Krishna Sirohi, i2TB Research Foundation & GISFI Vice Chair: Dr. Ashutosh Dutta, AT&T Special Presentation on Telemedicine by Dr Shyam Chakraborty, Trinnect, Finland</p>
13:30 - 14:30	LUNCH
14:30 - 15:30 Hrs	<p>GISFI Session 4: Internet of Things Chair: Dr. Balamuralidhar P., TCS, India</p>
15:30 - 16:30 Hrs	<p>GISFI Session 5: Cloud Service Oriented Network (CSeON) Chair: Dr. Parag Pruthi, NIKSUN Vice Chair: Dr. Niranth Amogh, Huawei</p>
16:30 - 17:00 Hrs	Tea/Coffee Break
17:00 - 18:00 Hrs	<p>GISFI Session 6: Green ICT Chair: Dr. Basavaraj Hooli, Individual member</p>
18:00 - 19:00 Hrs	<p>GISFI Session 7: Spectrum Chair: Mr. Pawan K. Garg, Member, Radio Regulations Board, ITU; Vice Chair: Mr. Tilak Raj Dua, GISFI Secretary: Dr. Sanjay Kumar, BIT, Mesra Special Presentation on “Proposal for DE-LICENSING 60GHz band” by Navin Kumar, Amrita Vishwa Vidyapeetham, Bangalore</p>