Dec. 15, 2015, Tuesday
TUTORIAL

9:00 AM – 5:00 PM — **Registration**

9:30 AM – 1:00 PM — **Morning Session**

Venue: PJA Auditorium

T1

Road to 5G Wireless Systems: Challenges Ahead vis-a-vis Progress Made

Speakers: Amitava Mukherjee, IBM and Debashis Saha, IIM, Kolkata

Session Chair: Surajeet Ghosh,IIEST, Shibpur

Venue: NAB I

T2

Large-Scale Optimization: Meta-heuristics and Decomposition Techniques

Speaker: Brigitte Jaumard, Concordia University

Session Chair: Adrish Banerjee, IIT Kanpur

11:00 AM - 11:15 AM — **Tea/Coffee Break**

1:00 PM - 2:00 PM — **Lunch**

2:00 PM – 5:30 PM — **Afternoon Session**

Venue: PJA Auditorium

T3

Social Media - The Good, Bad and Ugly: A Tutorial on Computational Social Network Analysis

Speaker: Nitin Agarwal, University of Arkansas, Little Rock

Session Chair: Subhankar Dhar, SJSU

Venue: NAB I

T4

Stochastic Geometry for the Analysis of Cellular Networks

Speaker: Radha Krishna Ganti, IIT Madras

Session Chair: Sandip Das, ISI Kolkata

3:30 PM - 3:45 PM — **Tea/Coffee Break**

Dec. 16, 2015, Wednesday

9 AM – 5 PM — **Registration**

9:30 AM –10:00 AM — **Inauguration**

Venue: PJA Auditorium

10:00 AM -10:45 AM — **Keynote Talk 1**

Venue: PJA Auditorium

Title: What on Earth is a Smart City?

Speaker: Bhaskar Ramamurthi, IIT Madras

Session Chair: Bhargab B. Bhattacharya, ISI, Kolkata

10:45 AM -11:00 AM — **Tea/Coffee Break**

11:00 AM – 1:15 PM — **Session 1**

11:00 AM – 11:25 AM

Venue: PJA Auditorium

Invited Talk 1: Green Optical Networks

Speaker: Lena Wosinska, KTH

Session Chair: Debashis Datta, IIT Kharagpur

11:00 AM – 11:25 AM

Venue: NAB I

Invited Talk 2: A Navigation System to Assist Passengers Traveling in Indian Public Buses

Speaker: Niloy Ganguly, IIT Kharagpur

Session Chair: Debashis Saha, IIM-Calcutta

11:25 AM – 1:15 PM

Venue: PJA Auditorium

Track 1A: Optical Networks

Session Chair: Debashis Datta, IIT Kharagpur

1. **MCRB for Synchronization Parameters Offset in the Presence of Self-Phase Modulation in Coherent Optical Communication**
   Debarati Sen, IITKharagpur, India

2. ***Designing a Green Optical Network Unit using ARMA-based Traffic Prediction***
   Chayan Bhar, Nilesh Chatur, Atri Mukhopadhyay, Goutam Das, Debasish Datta, IIT Kharagpur, India

3. ***Efficient Relocation of Virtual Spare Resources over Optical Backbone Networks***
   Ferhat Dikbiyik, Sakarya University, Turkey;

11:25 AM – 1:15 PM

Venue: NAB I

Track 1B: LTE Networks

Session Chair: Debashis Saha, IIM-Calcutta

1. ***Reconfigurable and Efficient Fronthaul of 5G Systems***
   Divya Chitimalla, UC Davis, USA; Koteswararao Kondepu, Luca Valcarenghi, Scuola Superiore Sant'Anna, Italy; Biswanath Mukherjee, UC Davis, USA

2. ***LTE - Wi-Fi Coexistence in 5 GHz Band***
   Vaishakh Janardhanan, Nishad Muhammed, Venkatarao Gonuguntla, Nadeem Akhtar, Centre of Excellence in Wireless Technology, IIT Madras Research Park, India

Biswanath Mukherjee, University of California, Davis, USA

4. ***A Heuristic Algorithm for Network Optimization of OTN over DWDM Network***
Govardan C, Sri Krishna Chaitanya K, Krishna Kumar Naik B, Shreesha Rao D S, Jagadeesh C, Gowrishankar R and Siva Sankara Sai S, Sri Sathya Sai Institute of Higher Learning, India; Prabhat Behere, Bhyri Sai Kishore, Cisco Systems Pvt. Ltd., India

5. ***A Cost-efficient Protection Scheme for Service Recovery against Single Shared-risk Link Group Failure in Long-reach Passive Optical Network***
Jitendra Gupta, Aneek Adhya, IIT Patna, India

6. ***Benefits of Sliceable Photonic based Transponders in Metro Networks*** **(Short Paper)**
Sourav Das, Onur Turcku, Anuj Malik, Pravin Mahajan, Biao Lu, Infinera Corporation, USA

3. ***NeSen - A Tool for Measuring Link Quality and Stability of Heterogeneous Cellular Network***
Rakesh kumar Mishra, Rashmikiran Pandey, F.G.I.E.T, India; Nabendu Chaki, Sankhayan Choudhury, University of Calcutta, India

4. ***Techno-Economic Assessment of the Potential for LTE based 4G Mobile Services in Rural India***
Ashutosh Jha, Debashis Saha, IIM Calcutta, India

5. ***A Resilient Packet Ring based Backhaul for LTE Networks that Reduces Handover Latency***
Atri Mukhopadhyay, Goutam Das, IIT Kharagpur, India

1:15 PM – 2:15 PM **Lunch**

2:15 PM – 3:15 PM **Panel 1**
Venue: PJA Auditorium

Title: On Developing Smart Cities: Socio-Technological Challenges and Opportunitie
Panelists: Debashis Sen (Principal Secretary, Urban Development in West Bengal), Vijayakumar Kabbin (Wipro), Prasant Misra (Robert Bosch Centre for Cyber Physical Systems), Deepak Kataria (IP Junction), Balamurali P (TCS)
Panel moderator: Mukesh Taneja ,Cisco

3:15 PM – 4:00 PM **Keynote Talk 2**
Venue: PJA Auditorium

Title: LTE License Assisted Access (LAA) - way forward for 5G
Speaker: Anantha Simha, TCS
Session Chair: Amitava Mukherjee, IBM

4:00 PM – 4:15 PM **Tea/Coffee Break**

4:15 PM – 6:00 PM **Session 2**

Venue: PJA Auditorium

Track 2A: ICN and Smart Grid
Session Chair: Santosh Biswas, IIT Guwahati

1. ***A Generic Delay Tolerant Routing Strategy for Information Centric Networking (ICN)***
Sibendu Paul, Bitan Banerjee, Rajdeep Das, Amitava Mukherjee, Mrinal Kanti Naskar, Jadavpur University, India

2. ***Assessment of Power System Stability using Reduced-Rate Synchrophasor Data***
Sharda Tripathi, Swades De, IIT Delhi, India

3. ***Game-theoretic Green Electric Vehicle Energy Networks Management in Smart Grid***
Ayan Mondal, Sudip Misra, IIT Kharagpur, India

4. ***EEOA: Improving Energy Efficiency of Mobile Cloudlets Using Efficient Offloading Approach***
Chhabi Rani Panigrahi, Bibudhendu Pati, Mayank Tiwary, Joy Lal Sarkar, C. V. Raman College of Engineering, India

5. ***Queuing Model-based Optimal Traffic Flow in a Grid Network*** **(Short Paper)**
Sayan Sen Sarma, ISI Kolkata, India; Goutam Chakraborty, Iwate Prefectural University, Japan

Venue: NAB I

Track 2B: Cognitive Radio
Session Chair: Swades De, IIT Delhi

1. ***Distributed Spectrum Monitoring and Surveillance using a Cognitive Radio based Testbed***
Oluwaseyi Omotere, Wasiu Oduola, Nan Zou, Xiangfang Li, Lijun Qian, Prairie View A&M University, USA; Deepak Kataria, IP Junction Inc., USA

2. ***Secondary Throughput in Underlay Cognitive Radio Network with Imperfect CSI and Energy Harvesting Relay***
Binod Prasad, Sanjay Dhar Roy, Sumit Kundu, NIT Durgapur, India

3. ***On Optimal Sensing Time and Power Allocation for Energy Efficient Cooperative Cognitive Radio Networks***
Subhankar Chatterjee, Santi P. Maity, Tamaghna Acharya, IIEST Shibpur, India

4. ***Planning of Dynamic Channel Allocation in HetNet under IEEE 1900.4 Framework***
Ayan Paul, BSNL, India; Mainak Sengupta, Madhubanti Maitra, Jadavpur University, India

	5. ***A Throughput-efficient Cooperative Sensing And Allocation Model For Cognitive Radio Networks*** **(Short Paper)** Sayantan Chowdhury, Puspal Chatterjee, Amitava Mukherjee, Mrinal K. Naskar, Jadavpur University, India
6:30 PM - 9:00 PM	**Cultural Program / Welcome Dinner**
Dec. 17, 2015, Thursday	
9:30 AM – 5 PM	**Registration**
9:30 AM – 11:00 AM	**Session 3**
Venue: PJA Auditorium **Track 3A: Network Applications I** Session Chair: Nabendu Chaki, University of Calcutta 1. ***Characterization of Traffic Analysis based Video Stream Source Identification*** Yan Shi, Subir Biswas, Electrical and Computer Engineering, Michigan State University, East Lansing, MI 2. ***Modeling an IP network for Audiovisual Streaming to Improve Double Failure Recovery*** Stephen Pirlot, Eric Gnaedinger, Francis Lepage, Université de Lorraine, CRAN, UMR, France; Stéphen Pirlot, René Kopp, TDF Metz, France 3. ***SRAM Based Longest Prefix Matching Approach for Multigigabit IP Processing*** Sanchita Saha Ray, Dept. of Information Technology, St. Thomas' College of Engineering &Technology, Khidderpore, Kolkata, India; Surajeet Ghosh, Dept. of Computer Science &Technology, Indian Institute of Engineering Science &Technology, Shibpur, Howrah, India; Bhaskar Sardar, Dept. of Information Technology, Jadavpur University, Kolkata, India 4. ***A Framework for Energy Efficient and Flexible Offloading Scheme for Handhel Devices*** Biswajit Patra, Sarbani Roy, Chandreyee Chowdhury, Department of Computer Science and Engineering Jadavpur University, Kolkata, India	Venue: NAB I **Track 3B: Wireless Sensor Networks** Session Chair: Rajib K Das, University of Calcutta 1. ***Energy Efficient and Event Driven Mobility Model in Mobile WSN*** Tathagata Das, Alumnus Software Ltd Salt Lake city Kolkata, India; Sarbani Roy, Department of Computer Science and Engineering Jadavpur University 2. ***Low Latency Event Boundary Detection in Wireless Sensor Networks*** Srabani Kundu, Guru Nanak Institute of Technology, Kolkata, India 3. ***Low-Overhead Image Compression in WMSN for Post Disaster Situation Analysis*** Rajib Banerjee, Dept. of Electronics and Communication Engineering Dr. B.C. Roy Engineering College Durgapur, India; Sipra Das Bit, Dept. of Computer Science and Technology Indian Institute of Engineering Science and Technology Shibpur, India 4. ***Coverage Area Maximization by Heterogeneous Sensor Nodes With Minimum Displacement in Mobile Networks*** Dibakar Saha, Advanced Computing and Microelectronics Unit, Indian Statistical Institute, Kolkata, India; Avirup Das, Department of Radio physics and Electronics, University of Calcutta, Kolkata, India
11:00 AM – 11:15 AM	**Tea/Coffee Break**
11:15 AM – 12:00 PM Venue: PJA Auditorium	**Keynote Talk 3** **Title: Optical Access Networks - Technology and Challenges in Indian Markets** Speaker: Bharat Dave, Alphion Corp. Session Chair: Aneek Adhya, IIT Patna
12:00 PM – 12:45 PM Venue: PJA Auditorium	**Keynote Talk 4** **Title: Network Transformation in the Cloud Era** Speaker: Utkarsh Rai, Infinera Session Chair: Sudip Misra, IIT Kharagpur

12:45 PM – 1:10 PM **Invited Talk 3**
Venue: PJA Auditorium

Title: TBD
Speaker: Dell
Session Chair: Debashis Datta, IIT Kharagpur

1:10 PM – 2:00 PM **Lunch**

2:00 PM – 2:45 PM **Panel 2**
Venue: PJA Auditorium

Title: Optical Networks: Technology and Challenges in Indian Market
Panelists: Bharat Dave (Alphion), Somnath Maity (Former CGM, BSNL), Utkarsh Rai (Infinera)
Panel moderator: Soven Kumar Dana, Infinera

2:45 PM – 4:00 PM **Session 4**

Venue: PJA Auditorium

Track 4A: Transport Networks
Session Chair: Subir Biswas, Michigan State University

1. ***Dynamic Link Adaptation for High Throughput Wireless Access Networks***
   Raja Karmakar, Techno India College of Technology Kolkata India; Samiran Chattopadhyay, Department of Information Technology Jadavpur University, Kolkata, India; Sandip Chakraborty, Department of CSE IIT Kharagpur, India

2. ***INFLATE: Incremental Wireless Transmission for Sensor Information in Industrial Environments***
   Roman Naumann, Stefan Dietzel, Bjorn Scheuermann, Humboldt-Universitat zu Berlin, Berlin, Germany

3. ***Topology Aware Flow Scheduling for Data Center Network***
   Kapil Sharma, Venkataramana Badarla, Indian Institute of Technology Jodhpur, India

4. ***Experimentation and Analysis of Multipath TCP*** **(Short Paper)**
   Anilal P , B V Sainandan, Siva Sankara Sai S, Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthinilayam, India; Prabhakara Yellai, Cisco Systems, Inc, Bangalore, India

Venue: NAB I

Track 4B: Security
Session Chair: Sushmita Ruj, ISI, Kolkata

1. ***PairVoting: A Secure Online Voting Scheme Using Pairing-Based Cryptography and Fuzzy Extractor***
   Nazatul Haque Sultan, Ferdous Ahmed Barbhuiya, Indian Institute of Information Technology Guwahati; Nityananda Sarma, Tezpur University Assam, India

2. ***Rangegram: A Novel Payload based Anomaly Detection Technique Against Web Traffic***
   Mayank Swarnkar, Neminath Hubballi, Discipline of Computer Science and Engineering, School of Engineering Indian Institute of Technology Indore

3. ***Capacity Improvement of Reversible Data Hiding through Better Predictions and Double Cycle Embedding***
   A H M Kamal, Jatiya Kabi Kazi Nazrul Islam University, Bangladesh University of Engineering and Technology Dhaka, Bangladesh; Mohammad Mahfuzul Islam, Dept. Computer Science and Engineering Bangladesh University of Engineering and Technology Dhaka, Bangladesh

4. ***Quantifying the Security of a QKD Protocol*** **(Short Paper)**
   Abhishek Parakh, Nebraska University Center for Information Assurance University of Nebraska at Omaha

4:00 PM – 4:15 PM **Tea/Coffee Break**

4:15 PM – 4:40 PM **Keynote Talk 5**
Venue: PJA Auditorium

Title: Telco 2020 - Delivering New Experiences
Speaker: Ayan Mukerji, Wipro Technologies
Session Chair: Adrish Banerjee, IIT Kanpur

4:40 PM – 5:40 PM **Ph.D. Student Forum/ Poster Session/ Demo/ Exhibit/ Talk from Springer**

Ph.D. Student Forum
Venue: NAB I

Session Chair: Goutam Chakraborty, Iwate Prefectural University/ Krishnendu Mukhopadhyaya, ISI, Kolkata

Demo/Exhibits
Venue: NAB II

Session Chair: Himadri S. Paul, TCS Kolkata

1. ***Enhancement of Wireless Sensor Network Lifetime by Clustering Technique***
   Veena Anand, Department of Information Technology, National Institute of Technology, Raipur, India

2. ***Gathering of Anonymous and Oblivious Fat Robots with Limited Visibility without Collision***
   Debasish Pattanayak, Department of Mathematics Indian Institute of Technology Guwahati

3. ***Power Optimization and Security Analysis of 5G Wireless Communication Networks***
   Akhil Gupta, School of Electronics and Communication Engineering Shri Mata Vaishno Devi University Katra, India

4. ***Cross Layer Adaptive TCP Congestion Control in IEEE 802.11e QoS MAC in Mobile Ad Hoc Networks***
   Mahadev Gawas, Department of Computer Science BITS PILANI K.K. Birla Goa campus

5. ***Distributed Coverage and Area Estimation in Wireless Sensor Networks***
   Dibakar Saha, Advanced Computing & Microelectronics Unit Indian Statistical Institute, Kolkata, India

1. ***NetSim™ -Model, Predict, Validate. Intelligent Network Design***
   TETCOS

2. ***Development and Performance Analysis of Wireless Sensor Network System for Health Monitoring of Civil Structure***
   CSIR-Central Mechanical Engineering Research Institute, Durgapur

3. ***pProf: Component Utilization Based Power Consumption Model for Estimating Energy Cost in Internetwork of Context Sensing Things (IoCST)***
   Shiv Nadar University

4. ***Agriculture IoT - A Step Towards Smart Farming***
   Sri Sathya Sai Institute of Higher Learning

5. ***Demonstration of a Smart Communication System using LiFi***
   Sri Sathya Sai Institute of Higher Learning

4:40 PM – 5:40 PM
Venue: PJA Auditorium Foyer

Poster Session
Session Chair: Sasanka Roy , ISI, Kolkata

1. ***New Protocols for Quantum Public Key Cryptography***
   Abhishek Parakh, University of Nebraska at Omaha, USA
2. ***Co-channel Interference Constrained Spectrum Allocation with Simultaneous Power and Network Capacity Optimization using PSO in Cognitive Radio Network***
   Seemanti Saha and Pratik Tiwari, National Institute of Technology Patna, India
3. ***Performance of Secondary User with Combined RF and Non-RF based Energy-Harvesting in Cognitive Radio Network***
   Abhijit Bhowmick, Sanjay Dhar Roy, Sumit Kundu, NIT, Durgapur, India
4. ***Low Complexity Signal Detection Technique for SFBC-OFDM Systems***
   Jyoti Patra, National Institute of Technology Rourkela, India
5. ***Real-time Monitoring of Network Latency in Software Defined Networks***
   Debanshu Sinha, Hari Babu, Sundar Subramaniam, BITS Pilani, India
6. ***Dynamic Virtual Backbone based Routing in Cognitive Radio Networks***
   Monisha Devi, Nityananda Sarma, Sanjib Kr. Deka, Tezpur University, India
7. ***A Framework for Continuity of Mission-Critical Network Services***
   Rajiv Kumar, Jaypee University of Information Technology, India; Piotr A Cholda, AGH University of Science and Technology, Poland
8. ***Exploiting DHCP Server-side IP Address Conflict Detection: A DHCP Starvation Attack***
   Nikhil Tripathi and Neminath Hubballi, Indian Institute of Technology Indore, India

4:40 PM – 5:40 PM **Talk from Springer**
Venue: PJA Auditorium

How to Write for and Get Published in International Scientific Journals
Speaker: Swati Mehereshi, Springer

7:00 PM – 9:00 PM **Conference Banquet Dinner**

Dec. 18, 2015, Friday

9 AM – 1 PM — **Registration**

9:30 AM – 11:30 AM — **Session 5**

Venue: PJA Auditorium

Track 5A: SDN and Network Virtualization
Session Chair: Krishna Sivalingam, IIT Madras

1. ***Dynamic Multi-hop Switch Handoffs in Software Defined Wireless Mesh Networks***
   Aditya Vamsi Mamidi, Sarath Babu, B. S. Manoj, Indian Institute of Space Science and Technology, Thiruvananthapuram, India
2. ***Cross-Layer Switch handover in Software Defined Wireless Networks***
   Yashwanth Reddy, Indian Institute of Space Science and Technology, Thiruvananthapuram, India; Dilip Krishnaswamy, IBM Research Labs, Bangalore, India; B. S. Manoj, Indian Institute of Space Science and Technology, Thiruvananthapuram, India
3. ***Carbon-Aware Routing in Software Defined Inter Data Center Network***
   Deepshikha Singh, Graphic Era University, Dehradun, Uttarakhand, India; Gitanjali Chandwani, Dehradun, Uttarakhand, India, G. S. Sanyal School of Telecommunication, I.I.T Kharagpur, Kharagpur, India
4. ***An Open Source based Network as a Service (NaaS) Platform for Cloud Provisioning***
   Shameemraj M Nadaf, Hemant Kumar Rath, Arun Kumar A V, Samar Shailendra, Anantha Simha, CTO Networks Lab, Bangalore, Tata Consultancy Services Ltd, India
5. ***A Hybrid Queuing Model for Virtual Machine Placement in Cloud Data Center*** **(Short Paper)**
   Sourav Kanti Addya, Ashok Kumar Turuk, Bibhudatta Sahoo, Department of Computer Science and Engineering National Institute of Technology, Rourkela, India; Mahasweta Sarkar, Department of Electrical and Computer Engineering San Diego State University, CA, USA
6. ***On Service Chaining using Virtual Network Functions in Network-enabled Cloud Systems*** **(Short Paper)**
   Abhishek Gupta, M. Farhan Habib, Pulak Chowdhury, Massimo Tornatore, Biswanath Mukherjee, University of California, Davis, USA

Venue: NAB I

Track 5B: Signal Processing
Session Chair: Sumit Kundu, NIT Durgapur

1. ***Joint Time and Frequency Offset Estimation for DMIMO-OFDM in Vehicular Networks***
   Sucharita Chakraborty, Debarati Sen, GSSST, Indian Institute of Technology, Kharagpur, India
2. ***Receiver Sensitivity Improvement of OFDM-FSO Link using SRM device***
   Pravindra Kumar, School of Computing and Electrical Engineering Indian Institute of Technology Mandi; Anand Srivastava, Department of Electronics &Communications Engineering Indraprastha Institute of Information Technology Delhi
3. ***Nonlinear Distortion Analysis of Multi-Band Carrier Aggregated OFDM Signals***
   Priya Singhal, Parag Aggarwal, Vivek Ashok Bohara, Wirocomm Research Group, Department of Electronics and Communication Indraprastha Institute of Information Technology Delhi, New Delhi, India
4. ***An Improved Numerical Optimization Method for Efficient Beam Search in 60 GHz Indoor Millimeter Wave Wireless Networks***
   Shajahan Kutty, Debarati Sen, G. S. Sanyal School of Telecommunications, Indian Institute of Technology, Kharagpur, India
5. ***Full-Duplex Transceiver for Future Cellular Network: A Smart Antenna Approach***
   handan Pradhan, Garimella Rama Murthy, Signal Processing and Communication Research Center International Institute of Information Technology, Hyderabad, India
6. ***Genetic Max-SINR Algorithm for Interference Alignment***
   Navneet Garg, Govind Sharma, Department of Electrical Engineering, Indian Institute of Technology Kanpur, Kanpur, India

11:30 AM - 11:55 AM — **Invited Talks**

Venue: PJA Auditorium

Invited Talk 4: A Scalable Model for Multi-Period Virtual Network Mapping for Resilient Multi-Site Data Centers
Speaker: Brigette Jaumard, Concordia Univ.
Session Chair: Krishna Sivalingam, IIT Madras

Venue: NAB I

Invited Talk 5: Hybrid Plasmonics for Computer Interconnects and Sensing
Speaker: Lech Wosinski, KTH, Sweden
Session Chair: Sumit Kundu, NIT Durgapur

11:55 AM – 12:10 PM — **Tea/Coffee Break**

12:10 PM - 12:55 PM — **Keynote Talk 6**
Venue: PJA Auditorium

Title: Smart Sensing with Smart Sensors
Speaker: Prasant Mohapatra, UC Davis
Session Chair: Biswanath Mukherjee, UC Davis

12:55 PM – 1:20 PM — **Invited Talk 6**
Venue: PJA Auditorium

Title: Cyber Security : Some Thoughts
Speaker: Mr. Susheel Verma, DRDO
Session Chair: Santi P. Maity, IIEST, Shibpur

1:20 PM – 2:15 PM — **Lunch**

2:15 PM – 3:00 PM — **Panel 3**
Venue: PJA Auditorium

Title: Make in India: Leapfrogging to the Next Generation Telecom Technologies
Panelists: Goutam Kr. Audhya (Bharat Broadband Network Limited), K V S Hari (IISc), Susheel Verma (DRDO), Sudhir Dixit (Basic Internet Foundation)
Panel Moderator: Pamela Kumar, CCICI

3:00 PM – 3:45 PM — **Keynote Talk 7**
Venue: PJA Auditorium

Title: TBD
Speaker: Cisco
Session Chair: Goutam Kumar Audhya

3:45 PM – 4:10 PM — **Invited Talk 7**
Venue: PJA Auditorium

Title: Evolution of Packet-Optical in Transport Networks
Speaker: Mohit Mishra, Infinera
Session Chair: Pamela Kumar, CCICI

4:10 PM - 4:30 PM — **Tea/Coffee Break**

4:30 PM - 6:15 PM — **Session 6**

Venue: PJA Auditorium

Track 6A: Internet of Things
Session Chair: Madhubanti Maitra, Jadavpur University, India

1. ***CAPCoS: Context-aware PAN Coordinator Selection for Soldiers-Health Monitoring in Battlefield***
   Soumen Moulik, Sudip Misra, Chandan Chakraborty, Indian Institute of Technology, Kharagpur, India

2. ***Target Coverage using a Collaborative Platform for Sensor Cloud (WSN)***
   Biplab K. Sen, Sunirmal Khatua, Rajib K. Das, Department of Computer Science and Engineering, University of Calcutta, India

3. ***Enhancing 6LoWPAN Schemes to Support Priority Driven Routing***
   Ranabir Saha, Suman Sankar Bhunia, Nandini Mukherjee, Jadavpur University, Kolkata, India

4. ***Mechanism for Adaptive and Context-aware Inter-IoT Communication (IoT)***
   Sudipta Ghosh, Head-Intellectual Property Management Wipro Limited, India; Swaminathan Seetharaman, DMTS-Senior Member Wipro Limited, India

Venue: NAB I

Track 6B: Network Applications II
Session Chair: Sipra Das Bit, IIEST

1. ***Decision Making in Assessment of RRAP of WSN using Fuzzy-Hybrid Approach*** Avishek Banerjee, Department of Information Technology, Asansol Engineering College, Asansol, India, Mihai Gavrilas, Gheorghe Grigoras, Electrical Engineering Faculty, Gheorghe Asachi" Technical University of Iasi, Romania, Samiran Chattopadhyay, Department of Information Technology, Jadavpur University, Kolkata, India

2. ***Adaptive Path Selection for High Throughput Heterogeneous Wireless Mesh Networks***
   Amrita Bose Paul, Dept of CSE IIT Guwahati, Assam, India; Sandip Chakraborty, Dept of CSE IIT Kharagpur, West Bengal, India; Suddhasil De, Dept of CSE IIIT Guwahati, Assam, India; Sukumar Nandi, Santosh Biswas, Dept of CSE IIT Guwahati, Assam, India

3. ***Maximum Lifetime Scheduling for Area Coverage in Wireless Sensor Networks***
   Ritamshirsa Choudhuri, Rajib K Das, Department of Computer Science and Engineering University of Calcutta

5. ***An IoT based 6LoWPAN enabled Smart Water Flow Meter System for India (IoT)*** Anjana S, Sahana M N, Ankith S, K Natarajan, K R Shobha, Department of Telecommunication Engineering M S Ramaiah Institute of Technology Bangalore, India; A Paventhan, Education &Research Network (ERNET) India	4. ***Behavioral Epidemic Analysis on Random Graph Model for Smart Wireless Networks*** Rohit Kumar Singh, H. S. Jamadagni, Department of Electronic Systems Engineering Indian Institute of Science Bangalore, India 5. ***PoliticAlly: Finding Political Friends on Twitter* (Short Paper)** Suchita Jain , Vanya Sharma, Rishabh Kaushal, Department of Information Technology Indira Gandhi Delhi Technical University for Women, Delhi, India 6. **Rumor Detection in Twitter: An Analysis in Retrospect (Short Paper)** Raveena Dayani, Nikita Chhabra, Taruna Kadian, Rishabh Kaushal, Department of Information Technology Indira Gandhi Delhi Technical University for Women, Delhi, India
6:15 PM – 6:30 PM Venue: PJA Auditorium	**Concluding Ceremony**