<table>
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<tr>
<th>Session 1 [Main Auditorium]</th>
<th>Session 2 [Hall A]</th>
<th>Session 3 [Hall B]</th>
<th>Session 4 [Hall C]</th>
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<td>Wireless Network 1</td>
<td>Audio and Speech Processing 2</td>
<td>Information Theory</td>
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<tr>
<td>10:10-10:40 Sibig Pogi</td>
<td>Radha Krishna Gore</td>
<td>Countermeasures to Handle Replay Attacks in Practical Speaker Verification Systems</td>
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<td>10:40-11:00 Abhijit Gang, Manas Bhatnagar, Shivarinder, Baptisto Vignesh</td>
<td>Neeraj Vashisth, Paul Paul</td>
<td>10:20-10:40 Anupam Jha, Neeraj Vashisth, Paul Paul</td>
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<td>11:00-11:20 Suresh Dahiya</td>
<td>Naveen Vashisth, Aloysius C Kassisangam</td>
<td>Sudeep Bhasin, Hardik B Sailor, Hemant A Patil</td>
<td>10:40-11:00 Kartikeya Deka, Abhijit Gang, Prabhat Kumar Bora</td>
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**Title TBA**

### Wireless and RF Systems

- **Title TBA**
  - 10:40-10:50 Bhaskar Khriathwar
  - 10:50-11:00 Abhay Karandikar

- **Design of a Novel Dual-band Low Noise Amplifier Incorporating Dual-band Impedance Transformation**
  - 10:10-10:20 Ankit Garg, Syed Siddiqui, Syed K. V. Gudino

- **A Statistical Black Fading Channel Model for Multirate Massive MIMO System**
  - 10:30-10:40 Naveen Vashisth, Aloysius C Kassisangam

### Optimization

- **Online Learning of Power Allocation Policies in Energy Harvesting Communications**
  - 11:00-11:10 Naveen Vashisth, Aloysius C Kassisangam

- **A Completely Uncoupled Learning Algorithm for General Utility Maximization**
  - 11:10-11:20 Rohan Kumar Das, Srikant Sivasubramanian, Harish Chary

### Co-located Sessions

#### Lunch 12:50pm-2:00pm

**Expository talk on the works of Claude Shannon**

**Shannon Centenary Sessions**

- **Recent Results in Multi-version Codes, Update-efficient Codes and Consistent Shared Memory Evaluation**
  - 2:40-3:00 Abhishek Vivek, Parth Patil, Mahesh B G, Ajinkya S Deshmukh, Sowmya Medeboddu

- **Saliency and Memorability by Driven Retargeting**
  - 3:00-3:20 Atul Kumar, Bhavanagihandi Ramar

- **A Novel Spatial Filtering-based Approach for Estimating Strength of Excitation From Speech Signal**
  - 3:40-3:50 Rabikrishna Jena, Tohru Shoji, Ravi Shankar Prasad

### Audio and Speech Processing 4

- **Adaptive Image Compression Using Wavelet and K-means Clustering**
  - 3:40-3:50 Abhishek Vivek, Parth Patil, Mahesh B G, Ajinkya S Deshmukh, Sowmya Medeboddu

- **An Improved Block Sparse Method for Feedback Suppression in Evolving Audio**
  - 3:40-3:50 Varsha Vashishta, Varshini, Ganesh Pandit, Mahesh B G

- **A Comparative Study of Articulatory Features From Facial Video and Acoustic-2articulatory Inventory for Phonetic Discrimination**
  - 3:40-3:50 Ashwini Pundkar, Pratap Kumar Shesh

- **Global Soft Decision Based Speech Enhancement Using Visual-enabled Unsupervised and Headphone Plane Decomposition Technique**
  - 3:40-3:50 Suman Sanyal, Indrjit Dhillon, Soumya Mukherjee

### Machine Learning for Signal Processing

- **A Novel Efficient IRU-Based Approach for Estimating Strength of Excitation From Speech Signal**
  - 3:40-3:50 Rabikrishna Jena, Tohru Shoji, Ravi Shankar Prasad

- **Weighted Fusion of UPL and COF Features for Effective Content Based Image Retrieval**
  - 3:40-3:50 Sowtiyel, Mahesh B G

- **Classification of Bacterial Morphotypes From Images of 26 Stained Sputum Smears Towards Diagnosing Drug-resistant TB**
  - 3:40-3:50 Rabikrishna Jena, Tohru Shoji, Ravi Shankar Prasad

### Wireless Networks 2

- **Index Coding and Local Partial Clipper Coves**
  - 4:30-4:50 Anshul Joshi, Alok Vashisth, Srikant Sivasubramanian, Parth Kishore

- **Design and Development of Basic Care for Rendering Robust Audio**
  - 4:30-4:50 Sridevi Pandit, Sneha Mahajan, Bhushan Joshi

- **A Novel Approach for Estimating Strength of Excitation From Speech Signal**
  - 4:30-4:50 Rabikrishna Jena, Tohru Shoji, Ravi Shankar Prasad

- **Outage Performance of Scheduling in a Distributed Multiuser Fixed-gain Air Interface System with Co-channel Interference and Noise**
  - 4:30-4:50 Arun Kumar Manickam, Shanmugam Prasanna

### Conference dinner [Main Guesthouse lawns]

- 7:30pm onwards

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*SPCOM | Day 2 | 14/06/16*

*Plenary by Lt. Gen. Dr. R.S. Panwar | Telecommunication Challenges in the Indian Army: Critical Role of Networks in 21st Century Warfare | 9:00am-10:00am*