## TECHNICAL SESSIONS (Day 1)

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>0800 – 1800</td>
<td>Registration</td>
<td>Matrix Level 4 foyer</td>
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<tr>
<td>0900 – 1030</td>
<td><strong>Official Opening</strong> by Assoc. Prof. Bharadwaj Veeravalli, National University of Singapore&lt;br&gt;<strong>Welcome Address</strong> by Prof. Lye Kin Mun, Institute for Infocomm Research&lt;br&gt;<strong>Keynote Address 1</strong>&lt;br&gt;Data Sharing in Virtual Organizations, Large and Small by Prof. Carl Kesselman, University of Southern California</td>
<td>Matrix Level 4 Creation</td>
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<td>1030 – 1110</td>
<td>Tea and Coffee Break @ Matrix Level 4 foyer</td>
<td>Matrix Level 4 foyer</td>
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<td>1110 – 1230</td>
<td>Concurrent Sessions ThA1, ThA2</td>
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### Session ThA1 - Mobile, ad-hoc, mesh and sensor networks (1/3)
Chair: Shobha K. R.  
*M. S. Ramaiah Institute of Technology*

- **ThA1.1 - P0244**  
  Genetic Algorithm based Mobility Aware Clustering for Energy Efficient Routing in Wireless Sensor Networks

- **ThA1.2 - P0165**  
  Performance Evaluation of Reliable and Unreliable Opportunistic Flooding in Wireless Sensor Network

- **ThA1.3 - P0197**  
  Efficient Flooding using Prefetching and Caching in On-Demand Routing Protocol for Mobile Ad-hoc Networks

- **ThA1.4 - P0192**  
  Energy Efficient High Capacity HETNET by Offloading High QoS Users through FEMTO

### Session ThA2 - Robust and Scalable Multimedia Networking
Chair: Xuan JING  
*Institute for Infocomm Research, A*STAR

- **ThA2.1 - P0285**  
  Complexity-rate-distortion Evaluation of Video Encoding for Cloud Media Computing

- **ThA2.2 - P0282**  
  Towards Robust Video Streaming for Unicast and Multicast: Modeling and Implementation

- **ThA2.3 - P0283**  
  Scalable Broadcasting of Sliced H.264/AVC over DVB-H Network

- **ThA2.4 - P0284**  
  Error-Resilient Slice Interleaving for Robust Video Transmission over Bursty Loss Channels
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<td>1230 – 1330</td>
<td>Lunch @ Matrix Level 4 foyer</td>
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<tr>
<td>1330 – 1530</td>
<td>Concurrent Sessions ThM1, ThM2</td>
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**Session ThM1 - Mobile, ad-hoc, mesh and sensor networks (2/3)**
Chair: Zhiyun LIN  
*Zhejiang University*

- ThM1.1 - P0227  
  Delay Tolerant Network Based Internet Services for Remote Areas Using Train Systems

- ThM1.2 - P0110  
  Energy-Efficient Probabilistic Target Coverage in Wireless Sensor Networks

- ThM1.3 - P0189  
  Multiple Moving Targets Tracking from Sensor Scheduling Perspective

- ThM1.4 - P0180  
  Post Sensing Optimal Channel Selection in Cognitive Radio Networks

- ThM1.5 - P0119  
  Exploiting Neighboring Relationship for Enhancement of AODV in Hybrid Wireless Mesh Network

- ThM1.6 - P0131  
  Capacity Based Data Rate-Aware Channel Assignment in Multi-Rate Wireless Mesh Networks

**Session ThM2 - Multimedia networking, streaming and QoS**
Chair: KASHIF MAHMOOD  
*Norwegian University of Science and Technology*

- ThM2.1 - P0258  
  Delay Constrained Throughput Analysis of CDMA Using Stochastic Network Calculus

- ThM2.2 - P0193  
  Implementation of Multi-layer Techniques using FEDERICA, PASITO and OneLab network Infrastructures

- ThM2.3 - P0200  
  Smoothing the XCP Sender

- ThM2.4 - P0212  
  Modeling Call Arrivals on VoIP Networks as Linear Gaussian Process under Heavy Traffic Condition

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<td>1600 – 1800</td>
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**Session ThP1 - Mobile, ad-hoc, mesh and sensor networks (3/3)**
Chair: Karel HEURTEFEUX  
*CNRS, Verimag*

- ThP1.1 - P0172  
  An Autonomous Maintenance Algorithm for Sensor Networks Subject to Practical Communication Constraints

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<td>Session ThP2 - Cloud, grid and large-scale networking</td>
<td>Matrix Level 4 Breakthrough</td>
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<td>Chair: Bharadwaj VEERAVALLI</td>
<td>National University of Singapore</td>
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<td>ThP2.1 - P0229 Scheduling Hybrid Divisible and Indivisible Loads on Clusters</td>
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<td>ThP2.2 - P0242 On the Resource Allocation and Pricing Strategies in Compute Clouds Using Bargaining Approaches</td>
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<td>ThP2.3 - P0263 Energy-Efficient Overlay for Data Transfers in Private Networks</td>
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| 1830 – 2200 | Conference Banquet | Jumbo Seafood Riverside |