

Technical Paper Session 1 (S1): Towards Next Generation Systems**Date: 10th Dec. Room No: 132 Time: 9 am - 10:30 am****Session chair: Shrikant Naidu (Motorola Research, India)**

#	Title	Authors with affiliation and
1569241815	Smooth Handover by Synchronizing Context Transfer Protocol and Fast Mobile IPv6	Reza Farahbakhsh (University of Isfahan, IR)
1569235144	Secure and Seamless Handover Solution for Real-Time Applications	Wafaa Mohamad Bou Diab (University of Versailles Saint-Quentin, LB); Samir Tohme (University of Versailles, FR)
1569234355	A Novel Position Based Routing Scheme for Mobile Ad Hoc Network	Koushik Majumder (West Bengal University of Technology, IN)
1569245015	WEBS : WiMAX Emulation Testbed to Benchmark Streaming Multimedia QoS	Ritesh Kumar Kalle (IIIT Bangalore, IN); Mayank Raj (University of Texas at Arlington, US); Balakrishnan K (IIIT-Bangalore, IN); Debabrata Das (International Institute of Information Technology - Bangalore, IN)

Technical Paper Session 2 (S2): IP Multimedia Subsystem (IMS)**Date: 10th Dec. Room No: 133 Time: 9 am - 10:30 am****Session chair: Tsunehiko Chiba (KDDI, Japan)**

#	Title	Authors with affiliation and
1569241847	On Reducing Packet Buffering for Network-based Fast Handover Cooperating with IMS	Takeshi Usui (KDDI R&D Laboratory, JP); Yoshinori Kitatsuji (KDDI R&D Laboratories, Inc., JP); Hidetoshi Yokota (KDDI Labs, JP)
1569242187	Self Organizing IP Multimedia Subsystem	Ashutosh Dutta (Telcordia Technologies, US); Christian Makaya (Ecole Polytechnique de Montreal, CA); Subir Das (Telcordia Technologies, US); Dana A Chee (Telcordia Technologies, US); Fuchun J Lin (Telcordia Technologies, US); Satoshi Komorita (KDDI R&D Laboratories Inc., JP); Tsunehiko Chiba (KDDI R&D Laboratories, Inc., JP); Hidetoshi Yokota (KDDI Labs, JP); Henning Schulzrinne (Columbia University, US)
1569241213	Mechanism to convey dynamic charging info over SIP	Swaminathan Seetharaman (Alcatel-Lucent, IN); Kuldeep Singh (Alcatel-Lucent, IN)
1569242017	Workflow based Design for Blending Services over IP Multimedia Subsystems (IMS) with Service Capability Interaction Manager	Rohan Pascal Goveas (Hewlett Packard, IN); Raghavendra Sunku (Hewlett Packard, IN); Madan K Pande (International Institute of Information Technology - Bangalore, IN); Debabrata Das (International Institute of Information Technology - Bangalore, IN)
1569242657	NextGen Short Message Gateway	Keshava Murthy (Aricent, IN)

Technical Paper Session 3(S3): Multimedia and IPTV**Date: 10th Dec. Room No: 132 Time: 6 pm - 7:30 pm****Session chair: Animesh Nandi (Alcatel-Lucent (Bell Labs), India)**

#	Title	Authors with affiliation and
1569241720	Analysis on the Perceptual Impact of Bit Errors in Practical Video Streaming Applications	Jari Korhonen (NTNU, NO); Ulrich Reiter (Norwegian University of Science and Technology (NTNU), NO)

1569240921	Instant-X: Towards a Generic API for Multimedia Middleware	Jan-Patrick Elsholz (Ulm University, DE); Holger Schmidt (Ulm University, DE); Sven Schober (Ulm University, DE); Franz J. Hauck (Ulm University, DE); Andreas J. Kessler (Karlstad University, SE)
1569244425	Enhanced IPTV Service Control & Media Delivery in Next Generation Networks	Oliver Friedrich (Fraunhofer Institute FOKUS, DE); Stefan Arbanowski (Fraunhofer Institut FOKUS, DE)
1569244041	Video Placement and Disk Load Balancing Algorithm for VoD Proxy Server	Anant V Nimkar (University of Mumbai, IN); Chittaranjan Mandal (Indian Institute of Technology, Kharagpur, IN); Chris Reade (Kingston University, UK)

Technical Paper Session S4(S4): QoS and Multimedia

Date: 10th Dec. Room No: 133 Time: 6 pm - 7:30 pm

Session chair: Subir Das, Telcordia Technologies, USA

#	Title	Authors with affiliation and
1569236136	Improved QoS-Aware Switching Mechanism for PIM-SM Protocol	Samer Sulaiman (TU Dresden, DE); Ralf J. Lehnert (Technische Universitaet Dresden (Dresden University of Technology, DE); Qin Dai (Technische Universitaet Dresden, DE)
1569243873	Multiple Description Image Network Coding Against Single Link Failure in Mesh Networks	Hussein Maza'ar (Cairo University, EG)
1569244049	MMS: Multi Merge and Split Buffer Management Scheme for Video-on-Demand Systems	Anant V Nimkar (University of Mumbai, IN); Chittaranjan Mandal (Indian Institute of Technology, Kharagpur, IN); Chris Reade (Kingston University, UK)
1569244977	Qos Provisioning for Mobile and Fixed Wireless Real-Time Multimedia Services	M Lakshmanan (Assistant Professor, IN); V Noor Mohammed (Assistant Professor, IN); Nandakumar S Sendrayan P (VIT university,
1569241939	A Framework for Converged Video Services in the IP Multimedia Subsystem	Devdutt Patnaik (Georgia Institute of Technology, US); Ashish Deshpande (Georgia Institute of Technology, US); Aamir Poonawalla (Georgia Institute Of Technology, US); Russell J Clark (Georgia Tech, US); Michael T Hunter (Georgia Tech, US); Naoki Takaya (NTT Service Integration Labs., JP); Arata Koike (NTT, JP)

Technical Paper Session S5(S5): Peer-to-Peer Networking

Date: 11th Dec. Room No: 132 Time: 9 am - 10:30 am

Session chair: Suresh Chande, Nokia, Finland

#	Title	Authors with affiliation and
1569240815	Scheduling P2P Multimedia Streams: Can We Achieve Performance and Robustness?	Luca Abeni (University of Trento, IT); Csaba Kiraly (University of Trento, IT); Renato Lo Cigno (University of Trento, IT)
1569244401	A Locality Preserving Routing Overlay using Geographic Coordinates	Shah Asaduzzaman (University of Ottawa, CA); Gregor V. Bochmann (University of
1569242105	A Round-based Pricing Scheme for Maximizing Service Provider's Revenue in P2PTV Networks	Gitanjali Bhutani (Alcatel-Lucent India Pvt. Ltd., IN)
1569244403	An Access Mechanism for Grid GARUDA	Vineeth Arackal (Centre for Development of Advanced Computing (C-DAC), IN)
1569242263	'CloudCop': Putting Network-Admin on Cloud Nine	Mydhili Nair (M S Ramaiah Institute of Technology, IN)

Technical Paper Session S6(S6): Security

Date: 11th Dec. Room No: 133 Time: 9 am - 10:30 am

Session chair: Shrisha Rao, IITB, India

#	Title	Authors with affiliation and
1569245223	Grading Based Identity Negotiation in P2P Services	Subir Saha (International Institute of Information Technology, Bangalore, IN)
1569232773	A hierarchical and decentralized key establishment scheme for end-to-end security in heterogeneous networks	K R Chandrasekhara Pillai (N S S College of Engineering, Palakkad-8, IN); Sebastian Paulose (National Institute of Technology Calicut, IN)
1569240789	Key Management Scheme for Multiple Simultaneous Secure Group Communication	R. Aparna (Siddaganga Institute of Technology, IN); B B Amberker (National Institute of Technology, IN)
1569242039	A Blind and Robust Watermarking Scheme with Scrambled Watermark for Video Authentication	Chetan R (JNN College of Engineering, IN); Raghavendra K (Lecturer, IN)
1569244991	Mitigating Man in the Middle Attack over Secure Sockets Layer	Yogesh Joshi (S7 Software Solutions, IN); Debabrata Das (International Institute of Information Technology - Bangalore, IN); Subir Saha (International Institute of Information Technology, Bangalore, IN)

Technical Paper Session S7(S7): Voice over IP

Date: 11th Dec. Room No: 132 Time: 2 pm - 3:30 pm

Session chair: Suresh P, CMS, Hewlett Packard, India

#	Title	Authors with affiliation and
1569245265	Phone Virtualization Using a Microkernel Hypervisor	Amrit Acharya (IIT Madras, IN); John Buford (Avaya Labs Research, US); Venkatesh Krishnaswamy (Avaya Labs Research, US)
1569240025	DSP Subsystem for Multiparty Conferencing in Voice over IP	Senthil Kumar Mani (HelloSoft India Pvt Ltd, IN); Bala Manikya Prasad Gupta (HelloSoft Pvt Ltd, IN); Kamesh M (Hellosoft, IN)
1569244342	Java based Software Framework and its Integration in Mobile Phones using RFID Technologies	Satyadhar Joshi (SVITS Indore, IN)
1569240023	Audio Mixer for Multi-party Conferencing in Voice over IP	Senthil Kumar Mani (HelloSoft India Pvt Ltd, IN); Bala Manikya Prasad Gupta (HelloSoft Pvt Ltd, IN)

Technical Paper Session S8(S8): Optimizing the Wireless System

Date: 11th Dec. Room No: 133 Time: 2 pm - 3:30 pm

Session chair: Koushik Sinha, Honeywell, India

#	Title	Authors with affiliation and
1569244981	A Low Complexity Resource Scheduler for Cooperative Cellular Networks	Bala N (Motorola India, IN)
1569233602	Solving Ack Inefficiencies in 802.11 Networks	David E Murray (Murdoch University, AU); Terry Koziniec (Murdoch University, AU); Michael Dixon (Murdoch University, AU)
1569240395	Performance Analysis of Tree Based Interleaver with IDMA Systems using Optimum Power Allocation Algorithm	Manoj Kr Shukla (Harcourt Butler Technological Institute, IN)
1569241845	Critical Analysis of Multi-Antenna Systems in the LTE Downlink	Shubhodeep Adhikari (Motorola India, IN)