

2008 2nd International Conference on Internet Multimedia Services Architecture and Application

(IMSAA)

**Bangalore, India
10-12 December 2008**



**IEEE Catalog Number: CFP0892E-PRT
ISBN: 978-1-4244-2684-3**

TABLE OF CONTENTS

The Need for Enhancing the NGN/IMS	1
<i>I. Elloumi, T. Desprats, M. Sibilla, S. Tabbanne</i>	
Real Time Error Concealment in H.264 Video Decoder for Embedded Devices	7
<i>A. Kale, V. Hampiholi</i>	
Virtual Community Management for Enabling P2P Services in the IMS Network	12
<i>I. Radovanovic, J. Lukkien, S. Chen, C. Molanus, T. Özgelebi</i>	
Automatic Routing of Semantic SIP Messages in IMS	18
<i>C. Jacob, H. Pfeffer, D. Linner, S. Steglich, L. Yan, M. Qifeng</i>	
A Novel & Non SIP-based Framework for Initiating a Multimedia Session Between Mobile Devices	24
<i>S. Davies, S. Gardner</i>	
Using Video Mashup to Deliver Personalized Video Services in IMS Networks	30
<i>E. Julien, F. Huve, S. Manvi</i>	
NextGen Wireless Access Gateway: Analysis of Combining WiMAX and LTE Gateway Functions	34
<i>K. Keshava Murthy</i>	
A Declarative Authentication and Authorization Framework for Convergent IMS/Web Application Servers Based on Aspect Oriented Code Injection	40
<i>L. López Fernández, M. Gallego Carrillo, J-M. Recio Peláez, F-J. López Fernández</i>	
VoIP Service Continuity Across HRPD and 3G-1x Networks	46
<i>K. Satish, H. Warrior</i>	
Zero-cost Negative-cost (ZCNC) Mobile Messaging	51
<i>R. Avasarala, S. Saha, S. Saklikar, P. Subramanya</i>	
A Development of Local Area Tele-conference Network	57
<i>Y. Miura, M. Kusaka, K. Sasaki, K. Sato, Y. Takeda, T. Nishikata</i>	
Bidimensional Model Based on Region Priority for Application Layer Multicast	63
<i>X. Rao, J-Z. Xu, Y. Zhou</i>	
Designing the Rating Function of 3GPP Online Charging System for IP Multimedia Subsystem	68
<i>H. Oumina, D. Ranc</i>	
Interactive IMS-based IPTV	74
<i>C. Riede, O. Friedrich, R. Seeliger, S. Arbanowski</i>	
Extending IMS Service to UPnP Home Network	80
<i>Y. Xu, X. Ma, R. Chen, G. Zhou</i>	
Integrating IMS with Web Services to Enable IP Multimedia Service Oriented Architectures	86
<i>O. Bertin</i>	
VPN Solution for Securing Voice Over Third Generation Networks	90
<i>W. Diab, S. Tohme</i>	
Mobility Management for Multihomed Mobile Networks Using Backup Registration	96
<i>L-H. Lu, Y-A. Liu, Q-T. Wang</i>	

Access Point Selection Before Attacing to Foreign Network for Mobile Networks	100
<i>L-H. Lu, Y-A. Liu, Q-T. Wang</i>	
Optimal Link Scheduling for Multimedia QoS Support in Wireless Mesh Network	103
<i>T. Abdelkader, S. Naik, A. Nayak</i>	
Design and Implementation of DLNA Enabled NEXT GEN Digital Picture Frame (NGDPF)	109
<i>S. Anand, S. Kumar</i>	
Using Context Transfer Mechanisms to Improve Moblie IMS-IPv6 Handover Latency and QoS Provisioning	115
<i>R. Farahbakhsh, N. Movahhedinia</i>	
Lower Bound on Bandwidth for Feasible Channel Assignment in Multimedia Cellular Networks	121
<i>G. Audhya, K. Sinha, B. Sinha</i>	
Implementation of Source Specific Multicast (SSM) in a Test Bed Over Internet Protocol Version 6 (IPv6)	127
<i>M. Chishti, S. Qureshi, A. Mir</i>	
PhishGuard: A Browser Plug-in for Protection from Phishing	132
<i>Y. Joshi, S. Saklikar, De. Das, S. Saha</i>	
Secure and Anonymous Electronic Commerce Protocol Over a public Network	138
<i>V. Das</i>	
Design of a Recommender System for Mobile Tourism Multimedia Selection	144
<i>R. Biuk-Aghai, S. Fong, Y-W. Si</i>	
Evaluation of Mobile Handset Recovey From Radio Link Failure in a Multi-RATs Environment	150
<i>Di. Das, De. Das, S. Saha</i>	
Centralized Service Capability Interaction Manager (SCIM) Architecture to Support Dynamic-Blended Services in IMS Network	156
<i>R. Goveas, R. Sunku, De. Das</i>	
A Comparative Study of Anomaly Detection Algorithms for Detection of SIP Flooding in IMS	161
<i>M. Akbar, Z. Tariq, M. Farooq</i>	
Implementaition of Packet Classification Algorithm in NetworkProcessor Based Router to Enhance Multimedia Application	167
<i>R. Avudaiammal, R. SivaSubramanian, R. Pandian, P. Seethalakshmi</i>	
A New SIP Event Package for Group Membership Management in Advanced Communications	173
<i>V. Singh, H. Schulzrinne, P. Boni</i>	
A Security Evaluation of IMS Deployments	179
<i>F. Park. D. Patnaik, C. Amrutkar, M. Hunter</i>	
Mobile Contextual Mashup Service forIMS	185
<i>B. Falchuk, K. Sinkar, S. Loeb, A. Dutta</i>	
Methodology to Create Service Mesh in Open-Network Space	191
<i>J. Sathyan, M. Sadasivan</i>	
Deployment of IPTV over IMS Architecture	197
<i>M. Zahid, M. Qadeer, A. Iqbal</i>	

A Context Sensitive, Yet Private Experience: Towards a Contextually Apt Recommendation of Service203
A. Seetharam, R. Ramakrishnan

Author Index