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Wireless Communication
Status and Future Perspectives
G.V.S. Raju, Life Fellow, Institute of Electrical and Electronics Engineers
Peter T. Flawn, Professor, Department of Electrical Engineering, University of Texas at San Antonio
J. Charoensakwiroj, Department of Electrical Engineering, University of Texas at San Antonio

Network Interface Switching in Integrated Wireless LAN Hotspot and Cellular Network
Minghui Shi, Research Assistant, Department of Electrical and Computer Engineering, University of Waterloo
Xuemin (Sherman) Shen, Professor, Department of Electrical and Computer Engineering, University of Waterloo
Jon W. Mark, Distinguished Professor Emeritus and Director, Centre for Wireless Communications, Department of Electrical and Computer Engineering, University of Waterloo

Wireless Local-Area Networks and Application
Narasimhan Srinivasan, Ph.D., Associate Professor of Marketing, University of Connecticut

RF/Fiber Extension for Wireless Base Stations
Cedric P. Taylor, Product Marketing Director, Celerica

Handsets: Meeting the Challenges of Design and Interoperability
Danny Topper, Product Marketing Director, Emblaze Semiconductor

Optimal and Suboptimal Serial Code Acquisition Schemes for Chip-Asynchronous Direct Sequence Spread Spectrum Communications
Seokho Yoon, Full-Time Lecturer, School of Information and Communication Engineering, Sungkyunkwan University
Sun Yong Kim, Assistant Professor, Department of Electronics Engineering, Konkuk University

Section VI: Operations, Quality Control, and Security

Designing IDSs: Architectures and Perspectives
Srinivas Mukkamala, Ph.D. Student, Department of Computer Science, New Mexico Tech
Andrew Sung, Ph.D., Professor and Department Chair, Department of Computer Science, New Mexico Tech
Ajith Abraham, Ph.D., Assistant Professor, Department of Computer Science, Oklahoma State University

Operational Convergence for Mobile Operators
Reducing OPEX through OSS Integration: Standards and Best Practices
Richard Arthur, Senior Manager, OSS Strategy and Marketing, Operational Support Systems, Hewlett-Packard

Intrusion Detection for Viruses and Worms
Thomas M. Chen, Department of Electrical Engineering, Southern Methodist University

Interarrival Packet Jitter Analysis of Constant Bit-Rate Traffic in Wireless Differentiated Services Networks
Dr. Jong-Moon Chung, Director, ACSEL and OCLNB Laboratories, Assistant Professor, School of Electrical and Computer Engineering, Oklahoma State University
Dr. Wun-Cheol Jeong, Research Assistant Professor, ACSEL and OCLNB Laboratories, Oklahoma State University
Ms. Hooi Miin Soo, Research Assistant, ACSEL and OCLNB Laboratories, Ph.D. Candidate, School of Electrical and Computer Engineering, Oklahoma State University

Performance of Communication Networks Fielding Bursty Data Traffic
G. R. Dattatreya, Associate Professor, Department of Computer Science, University of Texas at Dallas
Sarvesh S. Kulkarni, Assistant Professor, Department of Electrical and Computer Engineering, Villanova University

Biometric Authentication Systems: Are You Really Who You Claim to Be?
Sandeep Dhameja, CISSP

Delivering Telecommunication Services with Customer-Focused Service Assurance
Patrick J. Donnelly, Head of Solutions Engineering, EMEA, Telcordia Technologies

Network Resilience Audit
Arthur Foster, Transmission Systems Consultant and Principle Member, Discovery Consultancy Association
Richard Proctor, Telecoms and Internet Consultant and Principle Member, Discovery Consultancy Association
Paul Smith, Telecoms Management Consultant and Principle Member, Discovery Consultancy Association

Better Knowledge and Accelerated Development: Knowledge Structures, Tools, and Techniques to Build Collaborative Community
Jay Edwin Gillette, Ph.D., Professor of Information and Communication Sciences, Center for Information and Communication Sciences, Ball State University

Broadband OSS Service Management Systems
Enabling Revenue Generation, Operational Automation, and Cost Reduction
Preston Gilmer, Director of Product Management, OSS Operations, Liberate Technologies

No-Reference Digital Video Quality Analysis
H. R. Myler, Ph.D., P.E., Professor and Chair, Lamar University
Jing Guo, D.E., Visiting Assistant Professor, Northern Arizona University
Michele VanDyke-Lewis, Ph.D., Senior Imaging Scientist, TeraNex, Inc.

Designing and Implementing Security in Wireless LANS
Dick Hibbard, Vice President of Engineering, Fortress Technologies, Inc.

Strategic Use of Multiple OSS Data Sources
How to Get More from Your Network
Matt Izzo, Strategic Planning, New Generation Operations, Agilent Technologies

A Practical Approach for OSS Development
B. Brahma Reddy, Chief Technology Officer, DishnetDSL Limited
M.D. Jagdeesh Kumar, Assistant Manager, DishnetDSL Limited
S. Vijaya Sekar, Project Manager, DishnetDSL Limited
C. Shenbagam, Senior Manager, DishnetDSL Limited
Moin Uddin, HOD EE Department, Jamia Milia Islamia University

OSS through Java APIs Leap from Designs and Downloads to Implementations
Demand for Flow-Through Automation, Integration, and Scalability Creates Demand for Component Software
Peter Lambert, Independent Consultant and Journalist
Bill Wilbert, Communications Manager, The OSS through Java Initiative

Aggressive Model-Driven Development for the Management of Service Evolution
Dr. Ing. Tiziana Margaria, Associate Professor and Head of the Service Engineering for Distributed Systems Group, Institute of Informatics, Faculty of Mathematics, University of Göttingen, and Managing Director, METAFrame Technologies
Dr. Bernhard Steffen, Full Professor and Chair of Programming Systems, Faculty of Computer Science, University of Dortmund, and Scientific Director, METAFrame Technologies

Putting the 'D' Back into Design for Test
Dr. Ralph Marlett, Product Director, Atrenta Inc.

Assuring QoE on Next-Generation Networks
Phil Odence, Director of Business Development, Empirix

An Integration Framework for Next-Generation Service Providers
John Reilly, Principal Member of the Technical Staff, Metasolv Software

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