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Chair: Carlos Westphall - University of Santa Catarina, BRAZIL

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Organizer and Chair: Veli Sahin - NEC Americas, USA

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10.3 Infrastructure for Advanced Network Management based on Mobile Code
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Organizer and Chair: Salah Aidarous - NEC America, USA

This panel session will discuss the issues arising for information model specifiers, who need to document precise  
information flows between systems, without necessarily knowing which management communication technologies will  
be implemented. Issues impacting the use of the model specifications by developers will be included too. It will also  
discuss initiatives being taken by different organizations to improve modelling processes, to support interoperability and  
implementation diversity, and to work cooperatively in order to deliver wider, more relevant, cost-effective, and timely  
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Organizer: Mehmet Ulema - Daewoo Telecom, USA
Chair: Jong-Tae Park - Kyungpook National University, KOREA

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Jeffrey Raymond Horowitz, Vertel Corporation, USA

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K. Iseda, T. Chujo, T. Suzuki, Fujitsu Laboratories Ltd., Japan

21.3 Information Network Remote Access Platform: WINHUB RAS MEGA
Antonio Ruiz, Rod Gotty, Jack Stephenson, Shervin Erfani, Racal Data Group, USA

21.4 Network Management Application-Oriented Taxonomy of Mobile Code
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Requirements and Implementation of Service-Ordering and Billing System for Multimedia Services
Hiroshi Arimichi, Hideo Kikuchi, Masataka Minemura, Satoshi Hara, NTT Information and Communications, Japan

A CORBA Notification Service for OSI Management
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CORBA-Based Management Architecture and Services for Managing Distributed Multimedia Services and Applications
Ji-Young Kong, POSTECH, Korea

Hardware-oriented TMN Systems
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LNP Service Management at the Local Level
Elie Rosenfeld, Bellcore, USA

Brad Couch, Sybase, USA

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Diane Peluso, GEIS, USA

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Chair: Heinz-gerd Hegering - LRZ, GERMANY

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Robert D. Gardner, David A. Harle, University of Strathclyde, UK

22.2 Modelling a Telecommunication Network for Fault Management Applications
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Session 23 – Managing Telecom Business in a Deregulated Environment
Organizer: Tim Foley - GBS, USA
Chair: Dick Dodd - BellSouth Telcom, USA

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Stéphane R. Téral, Independent Consultant/MBA Candidate, USA

23.2 Local Number Portability GTT Node Provisioning Process
Alexander Bojanic, Nortel, Canada

23.3 OSS Gateway Solutions
Bill Muller, GE Information Services, USA

23.4 Operations Systems (OS) Unbundling - It's All About Interfaces
Richard H. Waterman, Bellcore, USA

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Organizer: Cengiz Agkun - Bellcore, USA
Chair: Bill Stinson - GTE, USA

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Raghu Bhagavathula, Ascend Communications, Inc., Graham Higgins, Lucent Technology

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Elliot Eichen, Dave Brooks, Daniel Burch, Radhika Chippada, Sarah Cousins, Gang Fu, Gary Lambert, Ruowen Rong, George Ruban, GTE Laboratories, USA

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PANEL: Session 26 – OSS: Enabling or Derailing Deregulation
Organizer and Chair: Shaygan Keradpi - GTE, USA

The telecommunications industry is facing competitive pressures created by deregulation, privatization, and opening of
the communications network. These pressures require the existing telecommunications service providers to allow new
service providers access to their Operating Support Systems (OSS). Some of the new exchanges include resale of local
services, implementation of network unbundling and local number portability. Current telecommunications providers are
restructuring into wholesale and retail entities. Providing secure interfaces that allow a large volume of messages to be
exchanged among industry participants, while maintaining the security of data and information that resides in the
wholesaler's OS systems, presents complex problems for current OS systems, which were designed to be company
proprietary. This panel will focus on approaches to provide secure, mediated access, including various implementations
of "gateways" to exchange information across enterprises. Discussion will include the impact to the telecommunications
industry and the state of supporting technologies that enable effective interaction with legacy environments.
Implications of new technologies, such as JAVA and Internet technologies, in supporting real-time local service
information exchange will also be explored.

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Chair: Doug Zuckerman - Bellcore, USA

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