Introduction
Committees
Organizing Committee Board

Directions of Research and Development for Multimedia Networks p. 2
Applying TINA-C Service Architecture to the Internet and Intranets p. 4
Value-Added Internet: A Pragmatic TINA-Based Path to the Internet and PSTN Integration p. 13
TINA and the Internet: An Evaluation of Some Scenarios p. 22
Terminal Mobility Support in TINA p. 38
Service Architecture Support of Personal Mobility in a Multi-Domain Environment p. 51
Using CORBA to Support Terminal Mobility p. 59
A TINA Trial: Interworking Experience with the Legacy Telephone System p. 70
Service Creation on a TINA Platform: An Experience Report p. 78
Application of TINA-C Computing and Service Architecture Concepts to the Development of an Advanced Information Brokerage Service in the Context of EC p. 87

TINTIN: The TINA to Internet Project p. 98
Managing TINA Streams that use Internet Transport p. 111
PalaTINA: A TINA Based Control Platform for Telecommunication and Information Services p. 119
The VITAL Network Resource Architecture p. 130
Distributed Management System for IP Network - Implementation and Performance Evaluation p. 139
Operator-Oriented Approach for the Inter-work of Service- and Network Management p. 144
Dynamic Role Creation from Role Class Hierarchy - Security Management of Service Session in Dynamic Service Environment p. 152
Security in the Telecommunications Information Networking Architecture - the CrySTINA Approach p. 164
TINA Service Architecture: From Specification to Implementation p. 174
Data-Driven Implementation of TINA Kernel Transport Network p. 184
The Ret Reference Point Definition and a Prototype Implementation p. 193
The CAMOUFLAGE Project - Introduction of TINA into Telecommunication Legacy Systems p. 206

Implementation of a RPC/IDL to CMIP/GDMO Gateway p. 216
A Staged Approach for TMN to TINA Migration p. 221
An Extensible and Modular Real-Time TINA DPE Kernel p. 230
A CORBA Framework for Multimedia Streams p. 239
A Notification Service for TINA p. 244
TINA Connectivity Services: Quality and Quantity through QoS Based Routing and DPE Performance p. 260
Engineering for Quality of Service p. 271
Quality of Service Negotiation in TINA p. 278
Service Session Control for Multimedia Services - Informational and Computational Views p. 288
A Networking Architecture for Mobility Services Using Mobile Agent Approach p. 297