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Nota di contenuto	ATM, reservation and IP ATM, RIP? -- High speed packet switching and QoS: (A) Guru's perspective -- A secure, accountable, and collaborative whiteboard -- Mobile Guide — Location-Aware applications from the lab to the market -- Interactive protocol simulation applets for distance education -- Visual techniques to accommodate varying network performance in virtual environments -- An address resolution and key exchange protocol for conferencing applications on the Internet -- An integrated platform for cooperative teleteaching -- CCS: CORBA-based conferencing service -- The application of TINA in the Mesh project -- Flexible multiplexing in MPEG-4 systems -- Video encryption based on data partitioning and scalable coding — A comparison -- An architecture for an interactive multimedia system based on MPEG-2 -- Classifying objectionable websites based on image content -- Identifying perceptually congruent structures for audio retrieval -- An image coding and reconstruction scheme for mobile computing --

Network-conscious compressed images over wireless networks -- A study of delay factors in CSCW applications and their importance -- Dynamic QoS renegotiation in the PNSVS videoconferencing application -- Towards an ODP-compliant object definition language with QoS-support -- DAVIC goes to internet: Multimedia service interworking over heterogeneous networking environment -- A temporal-spatial flow control protocol for ABR in integrated networks -- A low complexity congestion control algorithm for the ABR class of service -- Protocol for browsing in continuous data for cooperative multi-server and multi-client applications -- Implementation of a DSM-CC-server for a DAVIC-terminal -- A client-server design for interactive multimedia documents based on Java -- Asynchronously replicated shared workspaces for a multi-media annotation service over internet -- Object graphs as a pivotal representation for hypermedia -- A new real-time disk scheduling algorithm and its application to distributed multimedia storage systems -- Continuous data management on tape-based tertiary storage systems -- Exploiting user behaviour in prefetching WWW documents -- Single Pair of Buffers: Reducing memory requirements in VBR media servers.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Workshop on Interactive Distributed Multimedia Systems and Telecommunication Services, IDMS'98, held in Oslo, Norway, in September 1998. The 23 revised full papers presented were carefully selected from a total of 68 submissions. Also included are seven position statements. The book is divided into topical sections on distributed multimedia applications; platforms for collaborative systems; MPEG; coding for WWW, wireless, and mobile environments; QoS and user aspects; flow control, congestion control, and multimedia streams; multimedia servers, documents, and authoring; and storage servers.
