

MEDIATEC

The MEDIATEC conference looks at new developments in multimedia technology. Step by step, multimedia computing becomes more common and more popular. CD-ROM-DVD technology, videoconferencing, and real-time 3-D animation have become widely available for standard hardware platforms. The type of papers we are looking for try to give a theoretical foundation to developments in multimedia hardware and software, if possible comparing different alternatives so that empirical results can form a basis for new standards and choice among alternatives.

Topics:

Multimedia Techniques and Telecommunications

- Real Time Interactive Systems
- Hardware for multimedia storage
- Hardware and networks for multimedia transmission
- CD-Interactive Systems and Online DVD Technology
- Removable Storage Technology
- Multimedia Sensors (RF Tags)
- Intelligent Analysis and Interpretation of Multimedia Data

Multimedia Authoring Tools and Software

- Presentation Tools
 - ◊ Presentation Software
- Animation
 - ◊ Animation Tools
 - ◊ 3D Authoring Tools, 3D Graphics, 3D Accelerators and Motion Capture
- Video and Audio Editing
 - ◊ PC-DVD Video Imaging, Editing Techniques and Tools
 - ◊ Video Compression Techniques and Tools
 - ◊ Video Accelerators
 - ◊ Non Linear Video Editing Systems
 - ◊ Digital Video
 - ◊ MPEG 5 PC-Video Encoding and Decoding
 - ◊ (MPEG) Image Compression
 - ◊ Colour Palette Strategies
- Audio Editing
 - ◊ Digital Audio Software
 - ◊ CD Recording Software
 - ◊ Voice Recognition Systems
 - ◊ Industrial Applications

Multimedia Building Blocks

- Multimedia Databases
- Toolboxes for Moving Graphics
- Productivity Tools
- Multimedia and CORBA

COMTEC

The COMTEC conference covers different types of communication technology utilising both fixed and mobile infrastructures. Of course, this conference must be seen in alliance with the overall theme of the conference: new media that are used on a world-wide basis in relation to information and communication infrastructures.

Topics:

Telecommunications Technologies

- High Speed Interconnects (HSI):
 - ◊ Optical Networks and Switching (WDM,...)
 - ◊ Transport Networks (SONET/SDH, ATM)
 - ◊ HSI in Parallel/Distributed Systems (DS/HS links, SCI, HIPPI I/O)
 - ◊ Message Passing Communication Standards (MPI, MPI-2)
- New Prototypes, Products and Practical Applications:
 - ◊ Communication Servers and Networks
 - ◊ Access Networks and Protocols (ADSL, HDSL, VDSL)
 - ◊ Systems and Applications Software
 - ◊ Clusters and Load Balancing
- Performance Studies in High Speed Networks
 - ◊ Traffic Models and Performance Simulations
 - ◊ Fault Tolerance and Reliability Models and System Validation

Networks

- Multicast
- ISDN, Intelligent Networks, LAN-WAN Interconnection
- Broadband and Wideband Networks
- Information Super Highways
- Network Management
- Case Studies on Large Networks Simulations

Network Security

- Encryption and Coding
- Software Protocols
- Privacy, ID Verification, Authentication, Message Integrity, Message Non-Repudiation and Security Policies
- S-HTTP/SSL
- Smart Card Technology

Mobile Communications

- Satellite Services
- WAP compliant Broadband Mobile Communication
- Voice Paging, Mobile Fax, Mobile Video Text
- 3rd Generation
- Mobile Networks Planning

TV Technology

- CATV, HDTV, NICAM-TV
- Interactive Video
- DAVIC

COMTEC

QoS

- QoS in TP Networks
- QoS in ATM Networks
- QoS in Public Networks
- QoS in Mobile Networks
- QoS in Heterogeneous Networks
- QoS Charging

APTEC

The APTEC conference shows how effectiveness and efficiency of individuals and public and private organisations can be improved using telematics, advanced communications, and multimedia technology. Papers in the APTEC conference should present the relation between the type of activity that is supported by new technology and the characteristics of the technology itself. If possible, empirical test results should be included in the paper.

Topics:

Telematics Consumer Applications

- Home Banking
- Video-on-Demand, Video and PC-Gaming
- Video Kiosks

Cooperative Telematics Applications

- Home Shopping
- Teleconsulting
- Teleworking
- Teleprocessing
- Telepresence
- Web Enabled Devices

Tele-Education

- Tele-Teaching
- Multimedia and DVD Technology
- Computer Based Training
- CBT Authoring Software
- Computer Assisted Instruction
- Simulation Based Training
- Interactive Tools
- Tele-Education on the Web
- Case Studies

Integrated Enterprise Software and Groupware

- Electronic Data Interchange (EDI)
- VHDL and Verilog Applications
- Product Data Interchange
- Synthetic Environments and Simulation on the Web

APTEC

- Distributed Simulation (DIS)
- Virtual Reality
- Innovative e-mail applications
- Shared Memory, Shared Screen
- Group Decision Support
- Group Scheduling
- Group Editing
- Video Conferencing and standards
- Desktop Video Conferencing
- Workflow Software
- Putting Interactive Training Online

Telemedicine

- Multimedia
- Real-Time Systems
- Telediagnostic
- Fault Tolerance
- Telemonitoring
- Data Bases
- Case Studies

ETEC

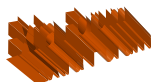
The ETEC conference reviews the latest trends and technologies applied in the growing field of electronic commerce. This event will be exclusively dedicated to practical applications in business to business and business to customer environments.

This programme provides valuable guidance on reconfiguring the structure and interaction between organisations, businesses, and customers, to create effective new possibilities and to stay ahead of competition, by implementing new advanced information and communications technology. It focuses on the reality rather than the hype which tends to surround these items.

This conference is a unique occasion to find out the key issues and essential facts from case studies and unbiased expert presentations. Topics include:

- . Tele-X
- . E-commerce
- . Security
- . Medical Information Systems
- . Challenges of tomorrow and beyond

The programme consists of parallel sessions with lectures, practitioner's workshops, poster sessions, and a specialised exhibition.



Partners for Projects New Businesses/Investm Forum is a platform for developers and young entrepreneurs looking for partnership and/or marketing opportunities for their innovative products or services.

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KEYNOTE SPEAKER

Dr. Lars Steinmetz, Head of the IPSI Institute at GMD and of KDM Industrial Process and System Communications at Darmstadt University of Technology., Merckstrasse 25, D-64283, Darmstadt, Germany

Exhibition

There will be a special exhibition section for universities and non-profit organisations, and a special section for publishers and commercial stands. If you would like to take part in this exhibition please contact **the office** for a full price schedule and stand layout.

Deadlines and Requirements

Deadlines

Full Paper or Extended Abstract Submission	December 15, 2000
Short Paper Submission Deadline:	January 15, 2001
Acceptance Notification:	January 15, 2001
Camera-Ready Copies:	March 15, 2001
Conference in Valencia, Spain	April 18 - 20, 2001

Registration Fees

	Author	SCS/Eurosim Members	Other Participants
Pre-registration before March 15th, 2001	450 €	450 €	500 €
Registration after March 15th, 2001	Pre-Registration Required	500 €	550 €

Registration fees should preferably be paid in Belgian Francs or EUROS, but can also be paid in the equivalent amount of US\$. Payment is possible by Creditcard (Visa/Mastercard, American Express, Diners). The registration fee includes one copy of the Conference Proceedings, coffee and tea during the breaks, all lunches, a welcome cocktail and the conference dinner.

Author Registration

Authors are expected to register early (at a reduced fee) and to attend the conference at their own expense to present the accepted papers. Without early registration and payment, the paper will not be published in the Conference Proceedings.

Submissions

For this scientific conference, it is possible to send in full papers and extended abstracts that will be published in the proceedings. In addition, you can submit short papers or poster presentations, product or vendor presentations, and proposals for panel discussions. The refereeing process for the scientific presentations will be based on full papers and extended abstracts only. Full papers and extended abstracts are due to arrive **BEFORE DECEMBER 15, 2000** at the SCS European Office in printed form (four copies) or preferably via E-mail (uuencoded, zipped or binhexed, preferably in PostScript, in Word or PDF format). Only original papers, written in English, which have not previously been published will be accepted.

The length of the full paper should be about 10-14 typed pages, resulting in 6-8 two-column 10 point paper for the published paper in the proceedings. The length of an extended abstract should be such, that the paper can be worked out into a 6 page two-column 10 point paper for the published paper

Refereeing and Camera-ready papers

The notification of acceptance or rejection, in combination with suggestions to improve the paper, will be sent by **JANUARY 15, 2001**. Along with the notification of acceptance, an author kit with complete instructions for preparing a camera-ready copy for the Proceedings will be sent to authors of accepted abstracts or drafts. The camera-ready copy of the papers must be in by **MARCH 15, 2001**. In order to guarantee a high-quality conference, the camera-ready papers will be checked as well, to check see the suggestions of the program committee have been incorporated.

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REPLY CARD

Surname:

First Name:

Affiliation:

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Yes, I intend to attend the 2001 EuroMedia Conference:

- Without presenting a paper
- Contributing to the Exhibition
- Proposing a vendor presentation with the following title:
- Proposing a tutorial about the following subject:
- Proposing a panel discussion with the following title:
- Proposing the following short paper (abstract at least 2 pages)
- Proposing the following full paper (based on extended abstract or full paper submission)

Title of submission:

.....

.....

The paper belongs to the following theme (please tick one):

- WEBTEC**
 - Internet Views and Programs
 - Visual Programming Languages
 - VRML and 3D Web Programs
 - Video and Audio Streaming on the Web
 - AI on the Web
- MEDIATEC**
 - Software for Web-based Business Applications
 - Multimedia Techniques and Telecom
 - Multimedia Authoring Tools and Software
 - Multimedia Building Blocks
- COMTEC**
 - Telecommunications Technologies
 - Networks
 - Network Security
 - Mobile Communications
 - TV Technology
 - QoS
- APTEC**
 - Telematics Consumer Applications
 - Cooperative Consumer Application
 - Tele-Education
 - Integrated Enterprise Software and Groupware
 - Tekemedicine
- ETEC**
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Do you know others interested in the topic of the conference?

Name:

Address:

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