The technology underpinning the next generation of multimedia systems and services is based on highly efficient, interactive and user centred generation, delivery and access to multimedia content. Over the past decade techniques for digital media generation, processing and manipulation have developed to a position where low-access latency and interactive multimedia communication is not longer a vision but an essential part of our life. In fact interactive multimedia communication is nowadays regarded as one of the technological milestones that will have significant impact on the high-tech society of the 21st century.

The goal of this special issue is to collate and disseminate the most relevant achievements of researchers working on techniques essential for the realization of multimedia interactive systems and services. High quality contributions addressing related theoretical and practical aspects are solicited. Topics of interest include but are not limited to:

- User centered browsing, indexing and retrieval of multimedia content
- Semi-Automatic 2-D and 3-D feature extraction, segmentation, identification and tracking
- Audio assisted image/video segmentation
- Generation and manipulation of multimedia content
- Multimedia over the Internet
- Multimedia content analysis and understanding

Submission Procedure

Prospective contributors are invited to submit papers according to the instructions in the “Information for Authors” on the back cover of a recent issue of the IEEE Transactions on Circuits and Systems for Video technology. Authors should submit their manuscripts in pdf format via electronic mail to: ebroul.izquierdo@elec.qmul.ac.uk

Important Dates

- Deadline for Manuscript Submission: April 30th, 2003
- Final Accepted Manuscript Due: November 1st, 2003
- Publication Date: February 2004

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