

IFMIP – WAC 2006
July 25~28, 2006
Budapest Hilton
Budapest, HUNGARY

Call for Papers: Special Sessions on
Content-Based Video Signal Processing and VLSI Architectures

This special session will take place in conjunction with the Multimedia and Image Processing Track (5th International Forum on Multimedia and Image Processing, IFMIP 2006) of the World Automation Congress (WAC 2006). Its aim is to bring together researchers, who are involved in different aspects of video signal processing and VLSI architecture design, to exchange information and to foster interaction.

This session encourages paper submissions, from both academic and industrial environments, concerning the development, design and applications of novel video and image processing algorithms, hardware architectures and implementation. Topics of interest include, but are not limited to:

- Object-Based Video Compression
- Motion Estimation
- Multimedia Content Analysis and Understanding
- 2D/3D Feature Extraction
- Supervised/Unsupervised Segmentation of Objects in 2D/3D Image Sequences
- Identification and Tracking of Regions in Scenes
- Analysis for Coding Efficiency and Increased Error Resilience
- Multimedia Analysis for Advanced Applications
- Multimedia Analysis: Hardware and Middleware
- Analogue VLSI Circuits for Video/Image Applications
- Mixed VLSI Circuits
- VLSI Architectures
- Parallel Processing
- Programmable Devices and Implementation
- Optics and VLSI
- Neural Network for Video Processing
- Video Technology Applications

Prospective authors are invited to submit papers in any of the technical areas listed above. Only original manuscripts will be considered. Submitted papers should not be under consideration for publication by other journals or conferences. Papers should be prepared according to the instructions of Author's Kit for the WAC 2006 with length of 4~6 pages.

Papers must be submitted via email to the special sessions organisers: Dr. Donglai Xu, email: d.xu@tees.ac.uk or Dr. Ian French, email: I.French@tees.ac.uk.

Important Dates

Submission deadline: January 20, 2006

Special Sessions Organisers:

Dr Donglai Xu

School of Science and Technology
University of Teesside
Middlesbrough, United Kingdom
Email: d.xu@tees.ac.uk

Dr Ian French

School of Science and Technology
University of Teesside
Middlesbrough, United Kingdom
Email: I.French@tees.ac.uk