



Fifth International Conference on Visual Information Engineering VIE'08



July 29- August 1, 2008, Xi'an, China

General Co-chairs:

Ebroul Izquierdo (Queen Mary, University of London, UK)
Guizhong Liu (Xi'an Jiaotong University, China)

Technical Programme Co-chairs:

Ingemar Cox (University College London, UK)
Roy Davies (Royal Holloway, University of London, UK)
Mihaela van der Schaar (University of California, Los Angeles, USA)
Feng Wu (Microsoft Research Asia, China)

EU Commission

Roberto Cencioni (Head of Unit INFSO E2, European Commission)
Luis Rodriguez Rosello (Head of Unit INFSO D2, European Commission)

Steering Committee

Roy Davies (Royal Holloway, University of London, UK)
Mike Fairhurst (University of Kent, UK)
Paola Hobson (Motorola, UK)
Ebroul Izquierdo (QM, Univ. of London, UK)
John Robinson (University of York, UK)
Sergio Velastin (Kingston University, UK)

IET VIE Coordination

Ian Collier (Technical & Professional Network Manager)

Local Organising Committee

Shihua Zhu (Xi'an Jiaotong University, China)
Yilin Chang (Xidian University, China)
Yangyu Fan (Northwestern Polytechnical University, China)
Fuzheng Yang (Xidian University, China)
Shuai Wan (Northwestern Polytechnical University, China)

Tutorials Chairs:

Alan Hanjalic (Delft University of Technology, Netherlands)
John Robinson (University of York, UK)

Special Session Chairs:

Jean-Luc Dugelay (Eurecom Institute, France)
Sergio Velastin (Kingston University, UK)
Li-Qun Xu (British Telecommunications Plc, UK)

Industrial Liaison

Mauro J Atalla (United Technologies Research Center, USA)
Paulo Villegas (Telefonica I+D, Spain)

European Liaison:

Thomas Sikora (Technology University of Berlin, Germany)

Far East Liaison:

Hyoung Joong Kim (Korea University Seoul, Korea)

North American Liaison:

A. K. Katsaggelos (Northwestern University, USA)

Bridging the Gap between Theory and Applications

VIE'08 Call for Papers

The Institution of Engineering and Technology (IET) Visual Information Engineering conference aims at bringing together leading international researchers, developers, creators, educators, and practitioners in networked media, image processing, machine vision, computer graphics, virtual and augmented environments, and visual communications to share our latest achievements and explore future directions and synergies.

In 2008 the fifth VIE conference will focus on fostering close links to China by both academia and industry. VIE'08 is sure to provide the ideal forum for researchers, practitioners and educators in the VIE community to discuss results and advancements in a high quality, peer reviewed environment.

VIE'08 will be held at Xi'an International Conference Centre in one of the most beautiful and historical cities of China. The scientific program of VIE'08 will include presentations by invited internationally-renowned plenary speakers, special sessions, and tutorial and regular sessions with contributed research papers.

Topics of interest include, but are not limited to:

- Visual information retrieval
- Multimedia processing and semantic web
- Semantic multimedia and applications
- Visual media management
- Multimedia database management
- Image and video analysis, segmentation
- Motion analysis and tracking for surveillance
- Data hiding and watermarking
- Networked multimedia systems
- Scalable source and channel coding
- Distributed camera networks for surveillance
- Image and video-based model synthesis
- Distributed virtual reality
- Graphics, visualisation, animation, rendering
- Synthetic image generation and manipulation
- Architectures
- Image acquisition hardware
- Application of visual information engineering
 - Astronomical imaging
 - Entertainment and gaming
 - Medical imaging and healthcare

Paper Submission

Prospective authors are invited to submit papers using the on-line system at the conference website <http://vie08.qmul.net/>. Accepted papers will be published in the Conference Proceedings. **The Conference Proceeding will be indexed by EI.** Extended versions of VIE papers will be reviewed and considered for publication in Special Issues of the IET Image Processing, IET Computer Vision (formerly IEE Proceedings Vision, Image and Signal Processing) and the EURASIP journal on Image and Video Processing.

Submission of full papers (to be received by): 17 March, 2008
The extended deadline: 31 March, 2008
Notification of acceptance: 30 April, 2008
Submission of camera-ready papers: 20 May, 2008

