GVIP 05 Conference

ICGST International Conference on Graphics, Vision and Image processing GVIP 05

Cairo International Conference Center (CICC), Egypt

19-21 December 2005

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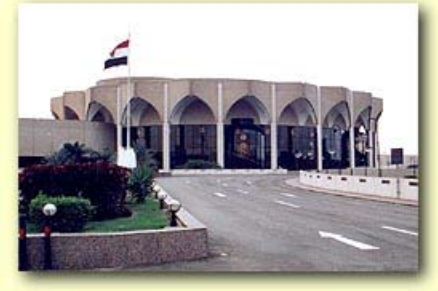
GVIP 05 Venue (CICC)

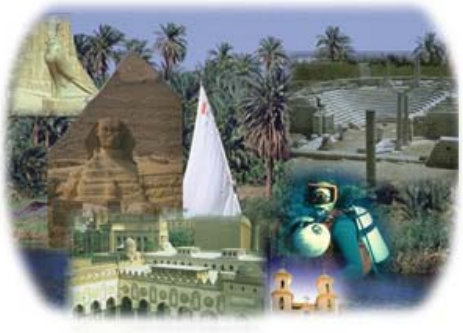
The Cairo International Conference Center (CICC) is the result of tireless planning and careful execution. It is the only comprehensive conference center in Egypt. Almost 58,000 sq. m. have been given over to conference facilities that are nothing less than state of the art. The Center is the very latest in conference facilities to ensure that while everything is carried with the greatest possible efficiency, your comfort and convenience have been seen to. To start with, the Center is a ten-minute drive from Cairo International Airport, a short drives from any one of several five star hotels and a five-minute walk from the Cairo Stadium and the Cairo International Exhibition Grounds. Once you arrive, you might be pleased to know that there is parking space available for 1,200 cars.



puter-aided graphic design, arts and animation, Industrial, medical and other applications, Video surveillance and monitoring, Rapid and affordable generation of terrain and detailed urban feature data, 3D site modeling, Aerial images and finding regions as an aid in building extraction, Methods for detection and tracking of moving objects.

GVIP 05 Homepage:

http://www.icgst.com/GVIP05/conference/index.html



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The coverage includes:

Image analysis and understanding, Scene analysis, modelling, and understanding, Pattern matching and pattern recognition, Image synthesis, including 3D imaging and solid modeling, Mathematical approaches to image processing, analysis, and synthesis, Image models and transforms, Visualization and graphical data presentation, Diagrammatic knowledge representation and reasoning, Monocular and stereo vision, Modelling of human visual perception, Biomimetic vision, Innovative uses of various graphic and vision devices and systems, Automated analysis of video sequences, Mosaic and frames registration, Perceptual interfaces for immersive activities, Activity recognition, Graph-based approach merging local and global registrations, Automatic extraction of 3D building models from multiple images and other data, Computational models of the human visual system, Early vision, Data structures and representations needed for high-level vision, Shape representation and extraction, Range data analysis, Use of motion for recognition and interpretation, Architectures and languages for image processing, Multimodal and multisensor models of image formation, Motion analysis, visual navigation and active vision, Geometrical and structural models of objects and scenes, Fractal and chaos theory in image analysis, Modelling of human visual perception and mental imagery, Structure reconstruction, 3D imaging and image synthesis, Infrared, laser, sonar etc. imaging, Virtual reality and pictorial interaction, Pictorial data bases and archiving, Applications of computational geometry in vision and graphic systems, Com-

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Committee:

Prof. Dr. Aly A. Farag, Director, Computer Vision & Image Processing Laboratory CVIP Lab, University of Louisville

A/Prof. Dr. Mohamed Yeasin, University of Memphis.

Dr Christos Grecos, Department of Electronic and Electrical Engineering, Loughborough University.

Important Dates:

- Full paper Due. June 2005
- Notification of Acceptance. 15 August 2005
- Final Manuscript and registration Due. 15 September 2005