

2005 IEEE International Workshop on VLSI Design and Video Technology (IWVDVT 2005)

Suzhou Hotel, Suzhou, China

May 28~31, 2005



Call for Papers:

The 2005 IEEE International Workshop on VLSI Design and Video Technology (IWVDVT2005) is an academic activity of IEEE CAS Shanghai Chapter, which is organized by this Chapter, IEEE CAS Society, IEEE Beijing Section, IEEE R10 CAS Society, and will be held in Suzhou, China, May 28~31, 2005. This workshop is sponsored by Shanghai Jiao Tong University, co-sponsored by Suzhou University, Fudan University and Southeast University. The purpose of the Workshop is to exchange information, ideas and recent research results on Analog VLSI Circuits, Mixed Analog and Digital Circuits Design and their applications, Video & Multimedia Signal and Information Processing and Their Technologies. The major topics to be addressed at IWVDVT2005 include, but are not limited to following areas:

- Analog VLSI Circuits
- Mixed Analog and Digital Circuit VLSI
- Sample-And-Hold Circuits
- Analog Circuit Simulators
- Analog Layout Techniques
- Piecewise Planar Scene Segmentation and Detection
- Model-based Video Representation
- Image-based Video Representation
- 3D Motion Estimation
- Video Mosaic
- Global Motion Estimation
- Multimedia Signal Processing
- Blind Signal Processing
- Neural Network for Video Processing
- Video Technology Applications
- Evolutionary Computation for VDDVT

Invited Sessions: Several invited sessions will be held during the workshop technique program. Proposals are solicited for invited sessions (See web site: <http://www.ieeevdt.org>).

Prospective authors are invited to submit papers in any of the technical areas listed above. All papers should be written in English and prepared in a standard IEEE double-column format with length of 4 pages, which includes the title, authors' names, affiliations and e-mail addresses, and a short abstract. Papers must be submitted electronically in PDF format through <http://www.ieeevdt.org>. Only electronic submissions will be accepted.

Tentative of Important Dates:

Deadline for Submission of Tutorial Proposals:	December 15, 2004
Deadline for Submission of Invited Sessions Proposals:	December 15, 2004
Deadline for Submission of Full 4-page Papers:	January 15, 2005
Notification of Paper Acceptance:	February 20, 2005
Deadline for Submission of Final Camera-ready Papers:	March 20, 2005

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INTRODUCTION TO SUZHOU

Suzhou is located in the south of Jiangsu province, some 50 miles west of Shanghai, along the old Grand Canal. The city has been famous for its gardens for many centuries. According to a Chinese proverb says: "In heaven there is paradise. On earth there are Suzhou and Hangzhou." (See web site: <http://www.chinatour.com/attraction/suzhou.htm> for more details.)

**TIGER HILL**

Tiger Hill, or Hu Qiu, a few miles northwest of the town, is very popular among visitors. It is supposedly the burial place of the King of Wu. Two different reasons are given for the name of the hill. One is that the entrance gate resembles the mouth of a tiger, and the pagoda on the top of the hill its tail. The other is that when the King of Wu was buried on top of the hill, a tiger is said to have appeared there. On top of the hill is an imposing structure — the pagoda of the Cloud Rock Temple built in 961. It is listed as one of the special historical sites under protection. The temple courtyard is the highest point on the hill and commands a grand view.

GARDENS

Suzhou is best known for its landscaped gardens, over 150 of them. Suzhou's gardens are not known for their size, but their delicate designs, containing hills and ponds, terraces, corridors, towers, and almost everything that is needed in an "imperial garden." Among them, the Liu Garden, which covers about 10 acres, is the largest and one of the most attractive. It was one of the few gardens that escaped destruction during the Taiping Rebellion in the mid-19th century.

