

International Conference on Geometric Modeling, Visualization & Graphics

(GMVAG 2005)

in conjunction with

8th Joint Conference on Information Sciences (JCIS 2005)

JULY 21 – 26, 2005

Salt Lake City, Utah, USA

Aims and Scope

Computer-Aided (CA) techniques for Geometric Modeling (GM), Visualization, and Computer Graphics (CG) are extremely useful in a number of industrial settings. The purpose of the this conference is to focus on interdisciplinary methods and affiliate research done among various disciplines with the goal of stimulating views and providing a forum where academicians, researchers, and practitioners can discuss the latest developments linked to Geometric Modeling, Visualization, and Computer Graphics. Papers presenting original research with the conference theme are being sought. Scope of the conference topics includes (but is not limited to):

- *CAD/CAM*
- *Geometric Modeling*
- *Solid Modeling*
- *Physically Based Modeling*
- *Scene and object modeling*
- *Geometric Algorithms*
- *Manufacturing Geometry*
- *Computational Geometry*
- *Reverse Engineering*
- *Shape Abstraction and Modeling*
- *Shape Analysis and Description*
- *Scientific Visualization*
- *Information Visualization*
- *Medical Visualization*
- *Multi-resolution Methods*
- *Geometric Transformations*
- *Mesh Processing*
- *Shape representation and extraction*
- *Real Time Graphics*
- *Multimedia*
- *Rendering Techniques*
- *Virtual Reality*
- *Augmented Reality*
- *Computer Animation*
- *Digital Art*
- *Digital Media*
- *Digital Libraries*
- *Imaging and Graphics*
- *Vision and Graphics*
- *pattern recognition and Graphics*
- *Industrial Applications*
- *Internet Applications*
- *Applications of Geometric Modeling in vision, Imaging, Visualization and Graphics systems*
- *Education, Engineering, Medical, and Other Applications*

Important Dates

December 1, 2004

Paper due for authors requiring early notification.

January 15, 2005

Paper due for standard submission.

February 1, 2005

Notification of acceptance - invitation letters sent to authors who require early notification.

March 15, 2005

Notification of acceptance - invitation letters sent to authors for the standard submission.

April 30, 2005

Final camera ready papers due (including invited papers)

April 30, 2005

Deadline for authors with accepted and invited papers to register and submit the minimum \$180 publication fee/registration deposit, or early discounted registration fees.

Conference Chair	
M. Sarfraz	King Fahd University of Petroleum and Minerals, Saudi Arabia.
International Program Committee	
Varol Akman	Bilkent University, Turkey.
Wasfi Al-Khatib	King Fahd University of Petroleum and Minerals, Saudi Arabia.
Jamaludin Ali	Universiti Sains Malaysia, Malaysia
M. R. Asim	University of Engineering and Technology, Pakistan
Ebad Banissi	South Bank University, UK.
Bahari Belaton	Universiti Sains Malaysia, Malaysia
Ahmed Bouridane	Queen's University Belfast, United Kingdom
Hui Kin Chuen	<i>The Chinese University of Hong Kong, Shatin, Hong Kong.</i>
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John Cowell	De Montfort University, UK
M. Deriche	King Fahd University of Petroleum and Minerals, Saudi Arabia.
Jinan A. W. Faidhi	Lakehead University, Canada.
Stefan Gumhold	University of Tübingen, Germany
Zulfiqar Habib	Kagoshima University, Japan.
Muhammad Hussain	Kyushu University, Japan
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Ali Jaoua	University of Qatar, Qatar
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Abd. Rahni Mt. Piah	Universiti Sains Malaysia, Malaysia
Andres Iglesias Prieto	University of Cantabria, Spain
Manabu Sakai	Kagoshima University, Japan.
Nickolas Sapidis	University of the Aegean, Greece
Keith Unsworth	Lincoln University, New Zealand.
Markus Wacker	<i>Universitaet Tuebingen, Germany</i>
M. Yeasin	Suny Institute of Technology (SunyIt)
Fujiichi Yoshimoto	Wakayama University, Japan
Abdulmalek Zidouri	King Fahd University of Petroleum and Minerals, Saudi Arabia.
Abdullah Zawawi	Universiti Sains Malaysia, Malaysia

Paper Submission

- You are cordially invited to submit a full paper or a proposal for a special session related, but not limited, to the theme of GMVAG.
- All papers shall be submitted electronically using the [On-Line Submission](#) tool.
- JCIS paper template: [Microsoft Word \(.doc\)](#) or [Adobe Acrobat \(.pdf\)](#)
- Check [Paper Review Status](#)

Special Post Conference Publications

For your information, in addition to the regular conference proceedings, the GMVAG 2005 is also planning to have the followings:

- TWO special issues of two distinct well reputed International journals on two different themes from the main topics of GMVAG 2005.
- One Edited Book published by a well known publisher.

The selection of these papers will be made after the conference, based upon carefully reviewed criteria.

Web Site

The GMVAG'05 web site is: <http://www.jcis.org/pages/subconference/gmvag/gmvag.aspx> (will be accessible soon). Please visit this site for up-to-date information.

Conference Chair

Dr. M. Sarfraz

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