

## Call For Papers

We welcome you to participate in **GMP 2008**, which will be held in Hangzhou, China, from April 23-25, 2008. **Geometric Modeling and Processing** (GMP) is a biannual international conference series on geometric modeling, simulation and computing. The modeling and processing of geometric data is fundamental to many computer applications, including computer graphics, computer vision, CAD/CAM, medical imaging, engineering analysis, robotics and scientific computation. GMP conferences provide researchers and practitioners with a forum for exchanging new ideas, discussing new applications, and presenting new solutions. GMP2008 is the fifth GMP conference. The previous GMP conferences were held in Pittsburgh, USA(2006), Beijing (2004), Tokyo (2002), and Hong Kong (2000).

### Conference Website

<http://www.math.zju.edu.cn/gmp2008>

### Topics

GMP 2008 welcomes original work in theory and applications of geometric modeling and visual computing and related disciplines. Topics to be covered in this conference include, but are not limited to, the following:

- Curves and Surfaces
- Digital geometry processing
- Differential geometry
- Dimensioning and geometric tolerances
- Geometric feature modeling and recognition
- Geometric Constraint solving
- Geometric optimization
- Heterogeneous modeling
- Multiresolution modeling
- Mathematical foundations of CAGD
- Shape representation

### Paper Submission

English is the official language of the conference. Manuscripts must be written in English. The page quota is 12 pages (single-spaced, 10 point font, including figures, tables and references). For format details and templates, please visit the conference website.

### Important Dates

Paper abstract submission due	October 28, 2007
Full paper submission due	November 4, 2007
Acceptance decision	December 16, 2007
Camera ready papers	January 1, 2008
Conference dates	April 23-25, 2008

### Honorary Conference Chair

- Jia-Guang Sun (Tsinghua University)

### Conference Co-Chairs

- Ron Goldman (Rice University, USA)
- Guozhao Wang (Zhejiang University, China)

### Program Co-Chairs

- Bert Jüttler (Johannes Kepler University Linz, Austria)
- Falai Chen (University of Sciences and Technology of China, China)

### GMP Steering Committee

- Myung-Soo Kim (Seoul National University, Korea)
- Kenji Shimada (Carnegie Mellon University, USA)
- Shimin Hu (Tsinghua University, China)
- Ralph Martin (Cardiff University, UK)
- Helmut Pottmann (Institut fuer Geometrie, TU Wien, Austria)
- Hiromasa Suzuki (University of Tokyo, Japan)
- Wenping Wang (Hong Kong University, Hong Kong)

### Publications

The GMP2008 conference proceedings will be published as a volume of Lecture Notes in Computer Science, Springer-Verlag. Selected papers from the conference will be published in special issues of some prestigious journals including **Computer Aided Geometric Design** (SCI), **Computer-Aided Design** (SCI), and **Journal of Zhejiang University** (SCI).

