

## Call for Papers

***16th International Symposium on Graph Drawing***

September 21 - 24, 2008, Heraklion, Crete, Greece

<http://www.ics.forth.gr/gd2008/>

Graph Drawing is concerned with the geometric representation of graphs and networks and is motivated by those applications where it is crucial to visualize structural information as graphs. Bridging the gap between theoretical advances and implemented solutions is an important aspect of the conference. Indeed, advances in graph drawing are important in several technological areas such as Web computing, e-commerce, VLSI circuit design, information systems, software engineering, computational cartography, visual interfaces, bioinformatics, and networking. Researchers and practitioners working on theoretical and practical aspects of graph drawing are welcome to participate.

**SCOPE**

The range of topics that are within the scope of the International Symposium on Graph Drawing includes (but is not limited to):

- Visualization of networks, Web maps, software engineering diagrams, database schemas, chemical structures and molecules
- Graph algorithms
- Geometric graph theory
- Geometric computing
- Software systems for graph visualization
- Topology and planarity
- Graph theory and optimization on graphs
- Interfaces for interacting with graphs
- Applications that need graph drawing solutions including Biomedical Informatics, Data Mining, Networking, and Security

**CALL FOR PAPERS AND DEMOS**

Authors are invited to submit papers describing original research of theoretical or practical significance to graph drawing. Demonstrations of systems incorporating original and innovative research ideas are also solicited. A system demonstration should include illustrative screen dumps and a description of the system's functionalities. Regular papers and demos must be labeled as either long or short; submissions should not exceed 12 pages for long (6 pages for short). If the authors believe that more details are essential to substantiate the main claims of the paper, they may include a clearly marked appendix that will be read at the discretion of the program committee.

Submissions of posters in graph drawing and related areas are also solicited. The poster session will provide a forum for the communication of late-breaking research results (which may appear elsewhere) to the graph drawing community. A two-page abstract of accepted posters will appear in a poster proceedings distributed to conference attendees. Researchers interested in presenting a poster should prepare two-page description of their proposed poster.

**INSTRUCTIONS FOR AUTHORS**

Each submission must include an indication of its type (paper/demo, regular/short) and contact information for the primary author. Only electronic submissions are allowed. Detailed submission instructions will be provided on the conference web site. Submissions deviating from these guidelines or from the submission deadline below risk rejection without further consideration. Submission of substantially similar papers to other conferences with published proceedings or simultaneous submissions are not allowed.

**IMPORTANT DATES**

- Submission Deadline: May 31, **EXTENDED DEADLINE**  
Thursday June 5, 2008 (noon Central European Time)
- Notification of Acceptance: July 15, 2008
- Poster Submissions: July 31, 2008
- Graph Drawing Contest Submissions: September 15, 2008
- Symposium on Graph Drawing: September 21-24, 2008

## GRAPH DRAWING CONTEST

Following the tradition of previous conferences, a graph drawing contest will be held. Details on the contest will be provided on the conference web site.

## PROCEEDINGS

Accepted submissions will be published in the conference proceedings, which will be included in the Springer-Verlag series Lecture Notes in Computer Science. Final versions of accepted submissions are due at the conference.

## SPECIAL ISSUES

Selected papers will be invited to be published in a special issue of *JGAA* (Journal of Graph Algorithms and Applications).

## LOCATION

The 16<sup>th</sup> International Symposium on Graph Drawing will be held at Aldemar Knossos Royal Village Hotel, Hersonissos, Heraklion, Crete, Greece.

## PROGRAM COMMITTEE

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 Vassilis Tsiasas (FORTH-ICS and Univ. of Crete, GREECE)

## CONTACT INFORMATION

The organizing committee can be contacted at [gd2008@ics.forth.gr](mailto:gd2008@ics.forth.gr).