

Final Call for Papers

11th International Symposium on Graph Drawing GD 2003

September 21-24, 2003, Perugia, Italy

<http://www.gd2003.org/>

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 a key factor in such technological areas as Web computing, e-commerce, VLSI circuit design, information systems, software engineering, bioinformatics, networking, and cybergeography. 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 computer networks and Web maps
- Graph algorithms
- Visualization of software engineering diagrams
- Geometric graph theory and geometric computing
- Software systems and libraries for graph visualization
- Topology and planarity
- Visualization of database schemas
- Graph combinatorics and optimization
- Visualization of chemical structures and molecules

Call for Papers, Demos, and Posters. Authors are invited to submit papers describing original research and surveys 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; long papers will be assigned 12 pages in the conference proceedings, and short papers 6 pages. Submissions of posters in graph drawing and related areas are also solicited. The purpose is to provide a forum for the communication of results (which may appear elsewhere) to the graph drawing community. A poster will be given 2 pages in the conference proceedings. Submission of substantially similar papers or demos to GD 2003 and to other conferences with published proceedings is not allowed.

Graph Drawing Contest. Following the tradition of previous conferences, a graph drawing contest will be held. The best contribution will be awarded with a prize money of EURO 1000. More details can be found on the contest website (please follow the hyperlink from <http://www.gd2003.org/>).

Instructions for Authors. Each submission must include an indication of its type (paper, demo description, or poster) and contact information for the primary author. For a paper or a demo, an indication about whether it is a regular or a short submission must also be given. Electronic submissions are strongly encouraged. Detailed submission instructions can be found on the conference web site.

Important Dates.

- Submissions of papers, demos, and posters: May 31, 2003
- Notification of acceptance: July 15, 2003
- Graph Drawing Contest Submissions: August 15, 2003

Proceedings. Accepted submissions will be published in the conference proceedings, which will be included in the Springer-Verlag series Lecture Notes in Computer Science (<http://www.springer.de/comp/lncs/index.html>). The LNCS proceedings will be published, in parallel to the printed books, also electronically by Springer-Verlag. Instructions for Authors will be available after the paper notification deadline.

Location. The Symposium on Graph Drawing will be held in Perugia, Italy. Perugia is one of the most ancient Italian cities, located in the center of the Country at the heart of the "Green Umbria" region. Because of its several historical and artistic amenities, the city of Perugia and its neighborhood attract many tourists every year. See also <http://www.perugiaonline.it/> for further information. Perugia is also the location of one of Europe's oldest universities, the State University (founded in 1308), as well as the University for Foreigners (founded in 1925). With over 35,000 students from all over the world, both Universities play an important role in the city life. Details about hotels and registration instructions will be provided on the conference web site.

Program Committee.

Ashim Garg (SUNY Buffalo, USA)
Michael T. Goodrich (University of California, Irvine, USA)
Ferran Hurtado (Universitat Politècnica de Catalunya, Spain)
Giuseppe Liotta (University of Perugia, Italy), chair
Joe Marks (MERL, USA)
Henk Meijer (Queen's University, Canada)
Stephen C. North (AT&T Research Labs, USA)
Patrice Ossona de Mendez (EHESS, CNRS, France)
Md. Saidur Rahman (Tohoku University, Japan)
Farhad Shahrokhi (University of North Texas, USA)
Roberto Tamassia (Brown University, USA)
Ioannis G. Tollis (University of Texas, Dallas, USA)
Dorothea Wagner (University of Karlsruhe, Germany)
Sue H. Whitesides (McGill University, Canada)
Stephen K. Wismath (University of Lethbridge, Canada)
David R. Wood (Carleton University, Canada)

Contest Committee.

Franz J. Brandenburg (University of Passau, Germany), chair
Ulrik Brandes (University of Passau, Germany)
Peter Eades (University of Sydney, Australia)
Joe Marks (MERL, USA)

Invited Speakers.

Pat Hanrahan (Stanford University, USA)
Giuseppe F. Italiano (University of Roma Tor Vergata, Italy)

Conference Organization.

C. Binucci (University of Perugia, Italy)
E. Di Giacomo (University of Perugia, Italy)
W. Didimo (University of Perugia, Italy), loc. arrangements co-chair
G. Liotta (University of Perugia, Italy), conference chair
M. Patrignani (University of Roma Tre, Italy), publicity chair
M. Pizzonia (University of Roma Tre, Italy)

More Info. For more information and questions about GD2003 please send email to contact@gd2003.org

Sponsors.

–The "Gold Sponsor" of GD 2003 is:

TOM SAWYER Software

(<http://www.tomsawyer.com/>)

–The "Silver Sponsors" are:

DIGILAB 2000 - Digital Systems Engineering

INTEGRA Sistemi Srl

MERL - Mitsubishi Electric Research Laboratories

OREAS - Optimization Research and Software

–The "Contributor" is:

KELYAN

–The organization is supported by:

DIA – Dip. di Informatica e Automazione – Università Roma Tre

DIEI – Dip. di Ingegneria Elettronica e dell'Informazione –
Università di Perugia