Call for Participation
Graph Drawing Contest '08
September 21 - 24, 2008, Heraklion, Crete, Greece
http://www.graphdrawing.de/contest2008/

The 15th Annual Graph Drawing Contest shall be held in conjunction with the 16th International Symposium on Graph Drawing (GD 2008). Except for the challenge competition, which takes place during the conference, all submissions are due by September 15, 2008.

Categories

This year, the contest has five graph categories. Details on each can be found at the contest web site, mentioned above. The following is a brief description of each of the categories:

- **Mystery Graph**
  The mystery graph has 71 nodes and 145 directed and labelled edges, and represents a series of social or cultural events that got a fair amount of news coverage this year. The task is to determine which events are represented by this graph, and to create the best drawing that depicts the logical structure of this graph.

- **Network from Electrical Engineering**
  This electrical network consists of 35 nodes and 48 undirected edges. The nodes are deeply nested. It represents the architecture of a VLIW processor. The task is to produce a fully automatic drawing of this network.

- **Network from Social Sciences**
  This graph represents the relationships between companies and top managers and union officers in Germany. It consists of 129 nodes and 271 edges. The task is to produce the best visualization of this network while including as much information as possible. Static drawings, animations or entire tools to explore the graph are accepted as submissions.

- **Biological Network**
  This graph represents the mTOR signalling pathways with 90 entities, 54 interactions and 85 inclusions. The task is to produce the best fully automatic drawing suitable for the biological domain.

- **Graph Drawing Challenge**
  The challenge will be held during the conference in a format similar to a typical programming contest, where teams are presented with a collection of challenge-graphs and have approximately one hour to submit their highest scoring drawings. This year the challenge shall focus on minimizing the number of crossings of upward grid drawings of graphs with edge bends.

Contest Submissions

Submissions for all categories, except for the Challenge, must be received by midnight September 15 (Central European Time) and should include the following information:

- names and email addresses of the contributors,

- a picture (or movie) illustrating the graph(s), and

- a brief description of the graph and how it was generated.

Electronic submissions are strongly encouraged. However, if your drawing requires special printing because of size, resolution, or color constraints, you are encouraged to submit via hard-copy. Acceptable electronic formats include PDF and PostScript for static images. For dynamic graphs or animations, please use mpg or avi files. Movies should be made using standard codecs.

All contest submissions should be sent to:

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Georg Sander
ILOG Deutschland GmbH
Ober-Eschbacher Str. 109
61352 Bad Homburg, Germany
contest@graphdrawing.de

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Contest Committee

- Ugur Dogrusoz, Bilkent University and Tom Sawyer Software

- Christian A. Duncan, Louisiana Tech University

- Carsten Gutwenger, Dortmund University of Technology

- Georg Sander, (Chair), ILOG Deutschland GmbH