Diagrams 2008

5th International Conference on the Theory and Application of Diagrams

19th — 21st September 2008
Herrsching, Germany

Important Dates

Abstract submission	20th March 2008
Paper and tutorial submission	1st April 2008
Poster submission	11th April 2008
Notification for papers and tutorials	16th May 2008
Notification for posters	23rd May 2008
Camera ready copies	13th June 2008
Visual Week	15-21st Sept 2008
Diagrams conference	19-21st Sept 2008

Herrsching am Ammersee

Herrsching is a village in Upper Bavaria, 70km south west of Munich, on the east shore of the beautiful Ammer lake (Ammersee). Situated at one terminus of the Munich S-bahn line S5, the village is popular with travellers for its water sports and as the starting point of trips to the Benedictine monastery Kloster Andechs. Herrsching is also a stop for touring steamships of the Bavarian Seenschiffahrt or lake fleet. Notable sights include the lakefront promenade (at about 5 km, the longest in Germany), the Kurparkschlossl (built in 1888 by the artist Ludwig Scheuermann), St. Martin's church, and the Archaeological Park (7th century settlement by the Bajuwari, the Teutonic tribe that gave Bavaria its name).

The conference technical program, as well as all social functions, will take place at the conference centre Haus der bayerischen Landwirtschaft Herrsching (Education and Training Centre of the Bavarian Farmers' Union).

Local events include the famous Munich Oktoberfest which is due to be held just after the conference.

Organizers

General Chair: Gem Stapleton, University of Brighton, UK

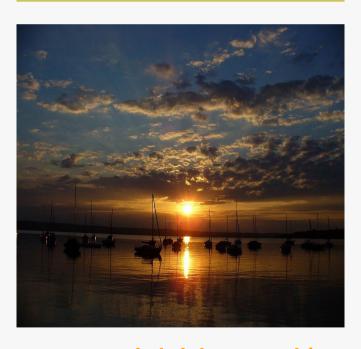**Program Chairs:** John Howse, University of Brighton, UK and John Lee, University of Edinburgh, UK

Local Chair: Mark Minas, Universität der Bundeswehr, Germany

Publicity Chair: Andrew Fish, University of Brighton, UK

www.cmis.brighton.ac.uk/ diagrams2008

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Call For Papers

Diagrams is an international and interdisciplinary conference series, covering all aspects of research on the theory and application of diagrams.

Recent technological advances have enabled the large-scale adoption of diagrams in a diverse range of areas. Increasingly sophisticated visual representations are emerging and, to enable effective communication, insight is required into how diagrams are used and when they are appropriate for use. The pervasive, everyday use of diagrams for communicating information and ideas serves to illustrate the importance of providing a sound understanding of the role that diagrams can, and do, play. Research in the field of diagrams aims to improve our understanding of the role of diagrams, sketches and other visualisations in communication, computation, cognition, creative thought, and problem solving. These concerns have triggered a surge of interest in the study of diagrams.

The study of diagrammatic communication as a whole must be pursued as an interdisciplinary endeavour. *Diagrams 2008* is the fifth event in this conference series, which was launched in Edinburgh during September 2000. Diagrams attracts a large number of researchers from virtually all related fields, placing the conference as a major international event in the area.

Diagrams is the only conference that provides a united forum for all areas that are concerned with the study of diagrams: for example, architecture, artificial intelligence, cartography, cognitive science, computer science, education, graphic design, history of science, human-computer interaction, linguistics, logic, mathematics, philosophy, psychology, and software modelling.

For the first time in its history, Diagrams will be co-located, running in conjunction with the *IEEE Symposium on Visual Languages and Human-Centric Computing* and the *ACM Symposium on Software Visualization* as part of *Visual Week*. This co-location will provide a lively and stimulating environment, enabling researchers from related communities to exchange ideas and more widely disseminate research results. Cross-conference participation is encouraged and the program will include joint keynote speakers.

Diagrams 2008 will consist of sessions including presentations of refereed papers, posters and tutorial sessions. We invite submissions of

> long research papers (15 pages)
> short research papers (7 pages)
> posters (3 pages)
> tutorial proposals (1 page)

that focus on any aspect of diagrams research. Long papers should present original research results. Short papers and posters should present original research contributions, position or problem statements, summarise software to support the use of diagrams, or integrate results published elsewhere which are of interest to the Diagrams community.

All submissions will be fully peer reviewed. The proceedings will be published by Springer in their Lecture Notes in Computer Science series, www.springer.com/lncs.

Topics of interest include, but are not limited to:

- applications of diagrams
- computational models of reasoning with, and interpretation of, diagrams
- design of diagrammatic notations
- diagram understanding by humans or machines
- diagram aesthetics and layout
- educational uses of diagrams
- graphical communication
- heterogeneous notations involving diagrams
- history of diagrammatic notations
- information visualization using diagrams
- novel uses of diagrams
- psychological issues pertaining to perception, comprehension or production of diagrams
- reasoning with diagrams
- software to support the use of diagrams
- theoretical aspects of diagrams including, for example, classification and formalization
- usability issues concerning diagrams

Further information can be obtained from
www.cmis.brighton.ac.uk/diagrams2008

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