

Preliminary information

AID'94

Third International Conference on Artificial Intelligence in Design

Lausanne, Switzerland 20–23 June 1994

Design is an important research topic in engineering and architecture. It is the key to economic competitiveness and the fundamental precursor to manufacturing. However, our understanding of design as a process and our ability to model it are still very limited. This conference series aims to provide an international forum for the presentation and discussion of the state-of-the-art and cutting edge research and developments in artificial intelligence in design.

The first conference in the series was held in Edinburgh, Scotland in June 1991, the second was held in Pittsburgh, USA in June 1992. The third and subsequent conferences will be held bi-annually. Original papers are invited on all aspects of artificial intelligence in design. Papers will be rigorously refereed by an international board of reviewers and accepted papers will be published as a book.

Topics of particular interest include:

- knowledge-based design systems
- knowledge representation for design
- representing designs
- design process models
- collaborative design
- constraint processes in design
- case-based reasoning in design
- machine learning for design
- models of creative design
- cognitive design models
- integrated design environments

Submissions

Five hard copies of full papers (abstracts will not be accepted) are required by 1 November 1993. The first page should contain the paper title, author's name, postal address, fax number and email address. The second page should contain the paper title and abstract without any author's identification. Papers will be refereed and authors of accepted papers will be given the opportunity to revise their papers prior to the final submission. Final versions of accepted papers will need to be formatted according to the publisher's instructions and should be no more than 20 pages. Submission of a paper implies that it has not been submitted or published elsewhere. Authors of accepted papers will be expected to sign a copyright release form to allow publication of the proceedings. One author of each paper is expected to present the paper at the conference. There will be a reduction in the conference fee for one author of each accepted paper.

Timetable

Full papers due—5 copies:	1 November 1993
Notification of acceptances:	17 December 1993
Revised, formatted papers due:	2 February 1994
Conference:	20–23 June 1994

Publication

All accepted papers will be published in the book of proceedings which will be available at the time of the conference; all paying delegates will receive one copy free.

Prizes

There will be two prizes awarded: one for the best paper and one for the best presentation, as judged by a panel of assessors drawn from the vice-chairs. The best paper prize will be awarded to the paper which makes the most significant contribution to the field of artificial intelligence in design. The best presentation prize will be awarded to the presentation which delivers to its audience the ideas in the paper in the most successful and interesting manner.

Venue and accommodation

The conference will be held at the Swiss Federal Institute of Technology, Lausanne, Switzerland. Accommodation details will be listed in the conference brochure. Student level accommodation will be available.

Workshops

The conference will be preceded by a number of workshops on specialist topics. There will be a call for workshop proposals later.

Social program and technical visits

There will be a conference dinner and the opportunity for technical visits after the conference to major research centres in Europe.

Papers and further information

John Gero or Fay Sudweeks
Key Centre of Design Computing
University of Sydney NSW 2006 Australia
Tel: +61-2-692 2328 Fax: +61-2-692 3031
Email: john@archsci.arch.su.edu.au or fay@archsci.arch.su.edu.au

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John Gero, University of Sydney, Australia

Co-Chair

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