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LED 07

September 27, 2007, Coeur d'Alène, Idaho, USA

First International Workshop on

Layout of (Software) Engineering Diagrams

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Important Dates
Submission: June 25, 2007
Notification: August 1, 2007
Final papers due: August 14, 2007

Web-site and Email
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This workshop is associated with and runs immediately after the 2007 IEEE Symposium on Visual Languages and Human Centric Computing (VL/HCC'07).

Traditionally, diagrams play an important role in many disciplines such as electrical engineering (e.g. Karnaugh-diagrams), civil and mechanical engineering (construction plans), geography (maps), etc. In Software Engineering today, diagrammatic languages like IDEF, UML or ARIS are commonplace, and with the rise of model driven development and domain specific languages, the use of such languages will become even more widespread in the future. All in all, diagrams play an important role in communication between engineers.

Given the visual nature of diagrams, it is obvious that the quality of diagram layout greatly contributes to the quality of communication based on these diagrams. However, creating task-adequate layouts is surprisingly hard, and the cognitive factors involved are not very well understood. Furthermore, tool support is rarely satisfactory (e.g. consider the state of automatic layout support in UML tools).

With this workshop, we wish to bring together scientists and professionals interested in the layout of diagrams. We hope to create a stimulating environment to start discussions, share knowledge and incite fertilization across disciplinary boundaries.

We solicit submissions in the following and other, related areas:

- Layout algorithms, guidelines and patterns
- Visual language theory
- Quality attributes related to layout
- Layout styles and modeling purposes
- Surveys of layouts in specific areas
- Diagrammatic reasoning
- Visualisation constraints, algorithms, and tools
- Cognitive aspects of diagram layout
- Knowledge representation and diagram layout
- Empirical research on layouts

The electronic proceedings of this workshop will be published by ECEASST (ISSN 1863-2122). Submissions should be sent as PDF-files in ECEASST format (see http://eceasst.cs.tu-berlin.de), either 6-8 pages (short papers) or 14-16 pages (full papers). Instructions on how to submit are available on the workshop web site at **www.cmis.brighton.ac.uk/led2007**.

We plan to organize publication of expanded versions of the top-ranked papers for journal publication.

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