

Call for Papers for the Second German Workshop  
by the GI Special Interest Group 2.1.9 - Object-Oriented Software Development



## Aspect-Oriented Software Development

February, 21-22, 2002, University of Bonn, Germany



<http://i44w3.info.uni-karlsruhe.de/~pulvermu/workshops/aosd2002/>

Modularisation as a means to achieve separation of concerns is a key concept in the development of complex software. A fundamental goal is the independent specification of system aspects and their subsequent integration.

There have been several novel approaches which try to find new dimensions for separation of concerns beyond the "traditional" concepts of module and class. For examples of such "advanced separation of concerns" we cite Adaptive Programming, Aspect-Oriented Programming, Composition Filters, Hyperspaces, role modeling, Subject-Oriented Programming, and so on. Recently such approaches have been subsumed under the umbrella term Aspect-Oriented Software Development (AOSD), whose themes, in addition to programming language extensions, also encompass enhancements of traditional analysis and design methodologies. Such a new and emerging field has yet to garner a uniform conception of its scope and a definition of its central terms.

After the success of the first workshop by the GI on this topic, and in the run-up to the 1st International Conference on Aspect-Oriented Software Development (April, 23-26, 2002), the aim of this workshop is again to provide room for fruitful discussions among various academic and industrial working groups who are involved with issues of aspect-oriented software development and related themes.

### A non-exhaustive list of themes

- Foundations of aspect-oriented approaches:  
Identification of common concepts, interaction/consistency between aspects, static and dynamic aspects, formal approaches, etc.
- Aspect-Oriented and Software Development Processes:  
Modeling, design, programming, reverse engineering, reengineering, etc.
- Application domains:  
Databases, components, product lines, applications, etc.
- Evaluation:  
Qualitative and quantitative examination of languages, methods and tools
- Relation to and integration with other approaches:  
Patterns, frameworks, generators, architecture & description languages (ADL), etc.

### Workshop format

The workshop will be held over two days and will mainly consist of constructive discussions of submitted papers. Therefore, the workshop is particularly well-suited for authors who would like to get valuable feedback on unfinished work. Aside from discussions of submitted papers, there will be enough time for focused discussions in break-out groups. According to the distribution of the accepted papers, the workshop will be held in German and/or English.

### Submissions

Submissions may include overview papers on current or completed research, experience reports or position papers. They should be 4-6 pages in length and may be in German or English. (A4 paper, without page numbering, in PDF or Ghostview-capable PS-formats.) Accepted submissions will be published on the web and as a technical report by the University of Bonn.

Please submit papers and suggestions (for example on topics for discussion) electronically to [costanza@web.de](mailto:costanza@web.de).

### Important dates

Submission of paper:	December, 1, 2001
Notification of acceptance:	January, 14, 2002
Registration and final versions:	January, 28, 2002
Workshop:	February, 21-22, 2002

### Program committee

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### Organisation

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