



CALL FOR PAPERS

International Workshop on

Adaptive Hypermedia and Collaborative Web-based Systems ([AHCW'04](#))

To be held in conjunction with the

International Conference on Web Engineering ([ICWE'04](#))

July 26/27
Munich, Germany

Theme and goal of the workshop

The Web is one of the most commonly used media for exchanging information and disseminating knowledge. Yet sometimes the information offered to the users does not seamlessly fit with their actual needs.

Adaptive hypermedia, which has increased its popularity during the last few years exponentially, supports the personalization of the information presented to the users. The growing use of the Internet has contributed to the consolidation of this research area, giving rise to new specialized workshops and conferences, such as Adaptive Hypermedia (AH). Its main purpose, in this context, is to increase the functionality of the Internet, so that each user can access to the most appropriate information according to his/her needs, as well as be presented with this information in the most suitable way for its comprehension.

The development of adaptive Web-based sites is not a trivial task. There exist some approaches that try to help Web engineers to describe and develop adaptive systems. Yet there is a strong need of formalisms, languages, mechanisms, methodologies and systems that both support the description of adaptive websites and facilitate this task, by performing it, in some cases, semi-automatically or even under no supervision.

Apart from being a very suitable platform to support adaptation, Internet also supports the communication and interaction between users, allowing them to work in teams. Moreover, collaboration and cooperation activities can help the users to acquire and improve personal skills such as working in team, making ideas explicit, arguing and interacting with others, among others. Furthermore, these activities can prevent the users of Web-based systems from feeling isolated, especially in distance learning or distance working contexts.

Once again, the authoring of specific web-based collaboration workspaces is not trivial.

The aim of this workshop is to bring together researchers and practitioners in the fields of adaptive hypermedia, collaborative systems, user modelling and web engineering, to present and discuss about new approaches (including methods, techniques and methodologies, among others) that can facilitate the design and implementation of adaptive and collaborative web-based systems to the Internet community. The main goal is to explore the feasibility of using or combining different approaches to create useful adaptive and collaborative Websites, as well as to identify new and remaining needs to be fulfilled in order to apply these methods and techniques successfully from a Web engineering perspective.

Topics of interest

The workshop topics include, but are not limited to:

- Authoring adaptive hypermedia
- Authoring collaborative web-based systems
- Formalisms and languages to create adaptive hypermedia systems
- Formalisms and languages to create collaboration workspaces
- Theoretical frameworks for adaptive website generation
- Theoretical frameworks for collaborative website generation
- Methodologies for the development of adaptive web-based systems
- Methodologies for the development of collaborative web-based systems
- Mechanisms to generate adaptive hypermedia
- Mechanisms to generate collaboration workspaces
- Implementation of pedagogical strategies
- Implementation of collaboration mechanisms
- Use of artificial intelligence methods for adaptation/collaboration
- User and group modelling for the Web
- Adaptation to mobile devices
- Collaboration through mobile devices
- Reusable adaptive hypermedia
- Reusable collaboration workspaces
- Adaptive Web-based applications
- Collaborative Web-based applications
- Empirical evaluation of adaptive web-based systems
- Empirical evaluation of collaborative web-based systems

Organisation of the workshop

The main part of the workshop will be dedicated to discussions. Some papers will be selected for presentation. Presentations will be short (8-10 min.) and researchers whose papers are not selected for presentation will be able to introduce their work very briefly (2-3 min.). The rest of the workshop will be dedicated to discussions, in which all the participants and people interested in the topics are welcomed. The workshop will be held with a maximum of 25 participants.

Paper submission

Prospective workshop participants are encouraged to submit an extended abstract (2-4 pages) by the abstracts deadline. Authors of accepted abstracts will be required to submit full papers (8 pages max.) by the paper deadline, formatted according to the [Rinton style](#).

Submissions will be peer-reviewed and selected based on its originality, quality and relevance to the workshop focus. The accepted papers will be temporarily published in the website (<http://www.ii.uam.es/~rcarro/AHCW04/AHCW-accept.html>) before the workshop takes place, to allow the participants to read them before attending the workshop. An agreement has also been made with [Rinton Press](#) for publishing a volume as workshop Post-Proceedings.

Extended abstracts and full papers must be submitted to ahcw@ii.uam.es in PDF format.

Organisers

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Important Dates

Submission of abstracts	May 10
Notification	June 7
Final version of the accepted papers	June 25
Workshop	July 26/27