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Call for papers

ICWE 2007

International Conference on Web Engineering

July 16-20, 2007

Como, Italy

The Seventh International Conference on Web Engineering (ICWE2007) will be held in July 2007 in Como, Italy. ICWE2007 aims at promoting research and scientific excellence on Web Engineering and at bringing together practitioners, scientists, and researchers interested in technologies, methodologies, tools, and techniques used to develop and maintain Web-based applications and to enable and improve the dissemination and use of Web-related content. The conference will feature an exciting program that, in addition to the regular full-papers track, will also host a number of other activities and events, including tutorials, workshops, tool demonstrations, industry papers, challenges and a doctoral symposium. For more details, please visit the conference Web site (<http://www.icwe2007.org/>).

Web Engineering

The World Wide Web and its associated technologies have become a major implementation and delivery platform for a large variety of applications, ranging from simple institutional information websites to sophisticated supply-chain management systems, financial applications, e-government, distance learning, and entertainment, among others. Such applications, in addition to their intrinsic functionality, also exhibit the more complex behavior of distributed applications.

Recently, there have been some advances towards re-framing the development - both design and implementation - of Web applications as a disciplined and systematic endeavor. However, the vast majority of existing applications have been developed in an ad-hoc way, leading to problems of maintainability, quality and reliability. Web applications are software artifacts, and as such can benefit by making use of established practices stemming from several related disciplines such as Software Engineering, Hypermedia, Information Systems and HCI, enabling creation, management and reuse of structures of the information space as well as enhancing the end user experience. In addition, it has its own characteristics that must be addressed, such as a varied user population, very short development turnaround times, diverse runtime environments, accessibility through multiple devices, etc.

Web Engineering addresses these issues and focuses on systematic, disciplined and quantifiable approaches towards the cost-effective development and evolution of high-quality, ubiquitously usable Web-based systems and applications.

Main topics

The topics of interest include, but are not restricted to:

- Web application development
- Collaborative Web application development
- Design models and methods
- Component-based Web engineering
- Web services-based applications
- Web 2.0, AJAX, E4X and other new developments
- Web architectures and application frameworks
- Semantic Web engineering
- Hypertext models and their application on the Web
- Reuse and integration
- Web design patterns and pattern mining
- Web content management
- Web personalization
- Engineering approaches to Semantic Web applications
- Engineering of Semantic Web services
- Adaptive Web applications
- Web quality and Web metrics
- Web usability and accessibility
- Testing and evaluation of Web systems and applications
- Deployment of Web applications
- Performance modeling, monitoring and evaluation
- Localization and internationalization of Web applications
- Social Web applications
- Mobile Web applications
- Empirical Web engineering

Important dates

Deadline for workshop proposals: December 16, 2006

Deadline for paper submissions: February 17, 2007

Notification of paper acceptance: April 1, 2007

Deadline for final versions: April 19, 2007

Call for Research Papers

Authors of research papers must explain the relationship of their work to the Web Engineering discipline in their submission. Research paper must comprise substantial innovative discussion with respect to the related work and must be well motivated and presented. Paper submissions should be formatted according to the LNCS guidelines and must not be longer than 15 (fifteen) pages.

All accepted submissions will be included in the Conference Proceedings. For full submission details, please consult the ICWE2007 web site. Papers should be formatted according to the given guidelines. Selected papers will also be considered for a special issue of the Journal of Web Engineering.

Call for Tutorials

ICWE invites proposals for tutorials that will provide conference participants with the opportunity to gain knowledge and insights in a broad range of web engineering areas. Participants at the tutorials include researchers, scientists and practitioners who are seeking to gain a better understanding of the technologies, methodologies, tools, and techniques used to develop and maintain Web-based applications. A one-page summary of the accepted tutorials will be included in the conference proceedings.

Proposed tutorials can be either 1.5 or 3 hours long. Tutorial proposals should address issues related to the topics of the conference. Topics not mentioned in the general conference list are also encouraged as long as they are of special interest and relevance to ICWE.

Tutorial proposals must clearly identify the intended audience and its assumed background. Proposals must be no more than 3 pages and must provide a sense of both the scope of the tutorial and depth within the scope. The intended length of the tutorial (1.5 or 3 hours) should also be indicated, together with justification that a high-quality presentation will be achieved within the chosen time period and the indication of the main learning outcomes. Proposals should also include contact information and a brief bio of the presenters. If the proposed tutorial has been given previously, the proposal should include where the tutorial has been given and how it will be modified for ICWE 2007. In detail, tutorial proposals must include the following information:

- Tutorial title
- Tutorial abstract: 1-2 paragraphs describing the contents and goals of the tutorial to be included in the conference registration materials.
- Intended Length: 1.5 or 3 hours
- Description of the tutorial providing the scope (general topic area) and depth of the proposal, as well as its aims and learning outcomes.
- Intended audience and the assumed background
- Presenter(s) contact information: name, affiliation, email, and optionally mailing address, phone and FAX numbers
- Presenter(s) short biography demonstrating that she/he is an expert on the subject of the tutorial to be included in the conference registration materials
- Relevant references
- If the proposed tutorial has been given previously, indicate where the tutorial has been given and how it will be modified for ICWE 2007
- Sample slides of the proposed tutorial, if available

Proposals must be submitted electronically by *February 17, 2007* to the Tutorial Chair in PDF format. For additional questions or clarifications please feel free to contact the ICWE 2007 Tutorial Chair.

Presenters of accepted tutorials will have to prepare a one-page summary of the tutorial by the camera-ready copy deadline to be included in the conference proceedings. Presenters should also make the slides available to the ICWE participants, either in hardcopy form or on-line.

Important dates (same as full papers):

- Tutorial submission deadline: February 17, 2007
- Notification of acceptance: April 1, 2007
- Camera-ready copy deadline: April 19, 2007

ICWE Tutorial chair:

Michalis Petropoulos, SUNY Buffalo, USA

Doctoral Consortium at ICWE 2007

The Doctoral Consortium at ICWE 2007 serves as forum for PhD students to share ideas about the development and use of Web Engineering techniques and methods, compare approaches, discuss future research problems, and receive feedback from the international Web Engineering community.

The aims of the Doctoral Consortium are to:

- provide PhD students with a friendly and lively atmosphere for presenting their research ideas, exchange experiences with other students, and receive useful guidance for completion of the dissertation from senior researchers
- help students and doctoral candidates formulate research questions and organise their research
- support a new generation of researchers

PhD students with relevant doctoral research are invited to submit a position paper for the Doctoral Consortium session. A panel of experts in the Web Engineering field will review submissions. Review criteria include: potential quality of the research, contribution of the work to the Web Engineering domain, originality of the work and quality of the position paper.

Submissions should describe PhD research that is at a stage where feedback from the Web engineering community might be of value. Thus, it is expected that students who will submit papers should be close to make a PhD research proposal, or have made it already but have at least six months of work remaining to complete their PhD thesis.

PhD students of selected position papers will present their work in the Doctoral Consortium session of the ICWE 2007 conference. We also encourage students that are just beginning their doctoral studies to participate in the Consortium even if they are not submitting research papers. They can participate in discussion and learn from the experience of other researchers.

To apply as a student participant in the Doctoral Consortium, send a position paper summarizing your PhD research. It must include: name, affiliation, a 200 words abstract, and the name of the advisor. Submissions must not exceed 6 (six) pages, including references. Position papers should be well organised and structured in a way that clearly specify:

- the problem(s) that the proposed research is addressing and how this fits into the bigger picture
- the aims and objectives of the research
- the methodology to achieve the objectives and the proposed solution(s), including a brief description of work done so far and a tentative plan for future work
- the main contribution(s) of the research to Web Engineering

Please include a letter of recommendation from your advisor.

Accepted PhD papers will be published in the conference proceedings. An award will be given to the best presentation of the doctoral consortium session (judging both the submitted material and the quality of the exposition).

Important Dates (same as full papers):

- Submission of papers: February 17, 2007
- Notification of paper acceptance: April 1, 2007
- Deadline for camera-ready versions: April 19, 2007

CWE Doctoral Consortium chair:

Nora Koch, Ludwig-Maximilians-Universität, München, Germany



Call for Workshops

One of the activities of ICWE is to offer attendees a set of workshops, intended to provide an opportunity for highly interactive sessions, which either include in-depth discussions of a specific topic, or related to a technical community. This time workshop organizers will also be invited to report, during the main conference programme, workshops' findings and results.

Workshop proposals should aim at current Web engineering issues that are suitable for a small forum, and that stimulate discussion and exchange of ideas and results.

Workshop proposals should include the following information:

- Workshop title
- Name(s) and affiliation(s) of the organizer(s), indicating who is the main contact person
- Length of the workshop (half, or one day)
- An outline of the theme and goals of the workshop (maximum of 250 words)
- A short statement discussing the relevance of the workshop to the field of Web engineering
- A short description of the activities that the workshop organizers propose to undertake for the success of the workshop
- Minimum and maximum number of workshop participants
- A brief description of each organizer's background, including relevant past experience in organizing workshops
- A preliminary version of the call for workshop papers
- A preliminary list of (proposed and already confirmed) program committee members
- Requires facilities, equipment and materials.

Researchers and practitioners are invited to submit workshop proposals to the workshop's Chair, Emilia Mendes (workshops AT icwe2007 DOT org), no later than December 16, 2006.

Proposals should be formatted using Times New Roman 12pt, single column, and should not be longer than three pages (A4 size).

Submissions are to be made by email (PDF format) using the subject header "ICWE 2007 Workshop Proposal Submission".

Important dates:

- Workshop submission deadline: December 16, 2006
- Workshop acceptance/rejection notification: January 16, 2007
- Workshop papers submission deadline: April 7, 2007
- Workshop camera ready papers: May 30, 2007

ICWE Workshop chair:

Emilia Mendes, The University of Auckland, New Zealand

Call for Industrial Papers

The industrial track of ICWE has the goal of encouraging interaction between academics and practitioners in the industry. The submission topics include all areas covered by ICWE.

Submissions should describe innovative implementations, new approaches to fundamental challenges, major technical improvements over current industrial practice, or experiences from usage of web engineering technologies.

This track challenges the industrial community to articulate the unsolved web engineering problems faced by industry. Therefore, submissions are encouraged that expose (and motivate) challenges that the web engineering research community should address more aggressively.

Industrial contributions are expected to have a first author that comes from the industry or industry consortium.

The submission format and deadlines are the same as for research papers.

Submitted papers are limited to a maximum of 6 (six) pages. To be fair to all authors, the page limit will be strictly enforced. We will not be able to consider papers longer than 6 pages.

Important Dates (same as full papers):

- Submission of papers: February 17, 2007
- Notification of paper acceptance: April 1, 2007
- Deadline for camera-ready versions: April 19, 2007

ICWE Industrial Track chair:

Fabio Casati, HP, USA

Call for Demos

The ICWE Demo track aims at providing visibility and discussion environment to companies, universities, and developers for presenting software tools related to the field of Web engineering. Submissions about commercial tools, prototypes, opensource software, and ongoing development are accepted. The submission topics include all areas covered by ICWE. Presented software may include CASE tools, performance evaluators, code generators, MDA based tools, Semantic Web enabling tools, Data management tools for Web applications, and others.

Submissions should describe the innovative aspects of the implementations, highlighting advantages and disadvantages with respect to related applications. The submission format and deadlines are the same as for research papers. Submitted demos are limited to a maximum of 5 (five) pages. To be fair to all authors, the page limit will be strictly enforced. Authors of accepted demos will present their work in a special session of the conference and will be given the opportunity to display a poster in a dedicated area of the venue site (in a central position with respect to the conference rooms), where to discuss and demonstrate their work along the whole conference duration. Posters shall be in A1 or A0 format.

Important Dates (same as full papers):

- Submission of papers: February 17, 2007
- Notification of paper acceptance: April 1, 2007
- Deadline for camera-ready versions: April 19, 2007

ICWE Demo Track chairs:

Sven Casteleyn, Vrije Universiteit Brussel, Belgium
Alexander Knapp, Ludwig Maximilians Universität München, Germany

Publication of accepted works

The conference proceedings will be published as Springer Verlag LNCS (on paper and on CD). Official proceedings will include: research papers, PhD papers, industry papers, demo papers, and summaries of tutorials and workshops.

Workshop papers will be published in a unified volume as a technical report.

Submission to the conference implies the willingness to subscribe and participate to the event for presenting the submitted work. Final versions of accepted papers must strictly adhere to the Springer Verlag LNCS formatting style and must include a printable final (camera ready) version file and all source files. No changes to such formatting rules are permitted. Authors of accepted papers must also download and sign a copyright form that will be made available on the Web site of the conference.



Contacts

For general information about the conference, please write to info@icwe2007.org. If you have specific concerns about the different conference aspects, you can contact the organizers at the addresses below.

| Name | Position | Email |
|----------------------|--------------------------|--|
| Piero Fraternali | General Chair | generalchair@icwe2007.org |
| Luciano Baresi | Program Chair | pcchair@icwe2007.org |
| Geert-Jan Houben | Program Chair | pcchair@icwe2007.org |
| Fabio Casati | Industrial track Chair | industry@icwe2007.org |
| Nora Koch | Ph.D. Consortium Chair | phdsymposium@icwe2007.org |
| Emilia Mendes | Workshop Chair | workshop@icwe2007.org |
| Sven Casteleyn | Demo Chair | demos@icwe2007.org |
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