WWV 2013

8th Workshop on Automated Specification and Verification of Web Systems

Florence, Italy – June 6, 2013
`http://users.dsic.upv.es/~jsilva/wwv2013/`

This workshop is part of **DisCoTec 2013**
Organized by **Università degli Studi di Firenze**

SCOPE

The Workshop on Automated Specification and Verification of Web Systems (WWV) is a yearly workshop that aims to provide an interdisciplinary forum to facilitate the cross-fertilization and the advancement of hybrid methods that combine Rule-based programming, Automated software engineering, and Web-oriented research. Started in 2005, the series of this workshop established itself as a lively, friendly event with many interactions and discussions.

The increased complexity of Web sites and the explosive growth of Web-based applications has turned their design and construction into a challenging problem. Nowadays, many companies have diverted their Web sites into interactive, completely-automated, Web-based applications (such as Amazon, on-line banking, or travel agencies) with a high complexity that requires appropriate specification and verification techniques and tools. Systematic, formal approaches to the analysis and verification can address the problems of this particular domain with automated and reliable tools that also incorporate semantic aspects.

IMPORTANT DATES

Abstract Submission	March 22, 2013
Full Paper Submission	March 29, 2013
Acceptance Notification	May 3, 2013
Camera Ready (pre-proc.)	May 20, 2013
Workshop	June 6, 2013
Camera Ready (post-proc.)	June 26, 2013

TOPICS

Topics of either theoretical or applied interest include, but are not limited to:

• Rule-based approaches to Web system analysis, certification, specification, verification, and optimization.

• Languages and models for programming and designing Web systems.

• Formal methods for describing and reasoning about Web systems.

• Model-checking, synthesis and debugging of Web systems.

• Analysis and verification of linked data.

• Abstract interpretation and program transformation applied to the semantic Web.

• Intelligent tutoring and advisory systems for Web specifications authoring.

• Middleware and frameworks for composition and orchestration of Web services.

• Web quality and Web metrics.

• Web usability and accessibility.

• Testing and evaluation of Web systems and applications.

SUBMISSION AND PUBLICATION

Submitted papers should present original unpublished work and cannot be under review for publication elsewhere. Each paper will undergo a thorough evaluation by at least three reviewers, chosen by the Program Committee. Contributions should be in PDF format and prepared in LaTeX using the EPTCS-style format (`http://style.eptcs.org/`) and should not exceed 15 pages (typeset 11 points).

Submissions are handled using the EasyChair online system and can be uploaded using the following link: `https://www.easychair.org/conferences/?conf=wwv2013`

Submission is a firm commitment that at least one of the authors will attend the workshop, if the paper is accepted.

Accepted papers will be included in the pre-proceedings, which will be made available in electronic form through the WWV web site. After the workshop, authors of accepted papers will be asked to prepare, by incorporating insights gathered during the event, a final version of their paper to be published in the post-proceedings.

Workshop post-proceedings will be published as a volume of the EPTCS (Electronic Proceedings in Theoretical Computer Science, `http://eptcs.org/`) series.

An open call for a special issue of high-quality journal on the topics of WWV is envisaged.

INVITED SPEAKER

François Taïani	IRISA/INRIA (FR)
Gerhard Friedrich	Univ. of Klagenfurt (AT)

WORKSHOP CO-CHAIRS

António Ravara	Univ. Nova de Lisboa (PT)
Josep Silva	Univ. Pol. València (ES)

PROGRAM COMMITTEE

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Kostis Sagonas	Uppsala University (SE)
Josep Silva	Univ. Pol. València (ES)
Francesco Tiezzi	IMT Lucca (IT)
Emilio Tuosto	Univ. of Leicester (UK)

VENUE

Florence, Italy

CONTACT

Email:
`wwv2013@easychair.org`