

WWV 2012

The workshop is part of
DisCoTec 2012

8th Workshop on Automated Specification and Verification of Web Systems

Stockholm, Sweden – June 16, 2012

<http://users.dsic.upv.es/~jsilva/wwv2012/>

organized by



SCOPE

The Workshop on Automated Specification and Verification of Web Systems (WWV) is a yearly workshop that aims at providing an interdisciplinary forum to facilitate the cross-fertilization and the advancement of hybrid methods that exploit concepts and tools drawn from Rule-based programming, Software engineering, Formal methods and Web-oriented research.

Nowadays, many companies and institutions have diverted their Web sites into interactive, completely-automated, Web-based applications for, e.g., e-business, e-learning, e-government and e-health. The increased complexity and the explosive growth of Web systems has made their design and implementation a challenging task. Systematic, formal approaches to their specification and verification can permit to address the problems of this specific domain by means of automated and effective techniques and tools.

IMPORTANT DATES

Abstract Submission	March 26, 2012
Full Paper Submission	April 2, 2012
Acceptance Notification	May 16, 2012
Camera Ready (pre-proc.)	May 30, 2012
Workshop	June 16, 2012
Camera Ready (post-proc.)	July 4, 2012

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Submitted papers should present original unpublished work and cannot be under review for publication elsewhere.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=wwv2012>

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 high-quality journal issue on the topic of the WWV workshop is envisaged.

INVITED SPEAKER

José Luiz Fiadeiro
University of Leicester (UK)

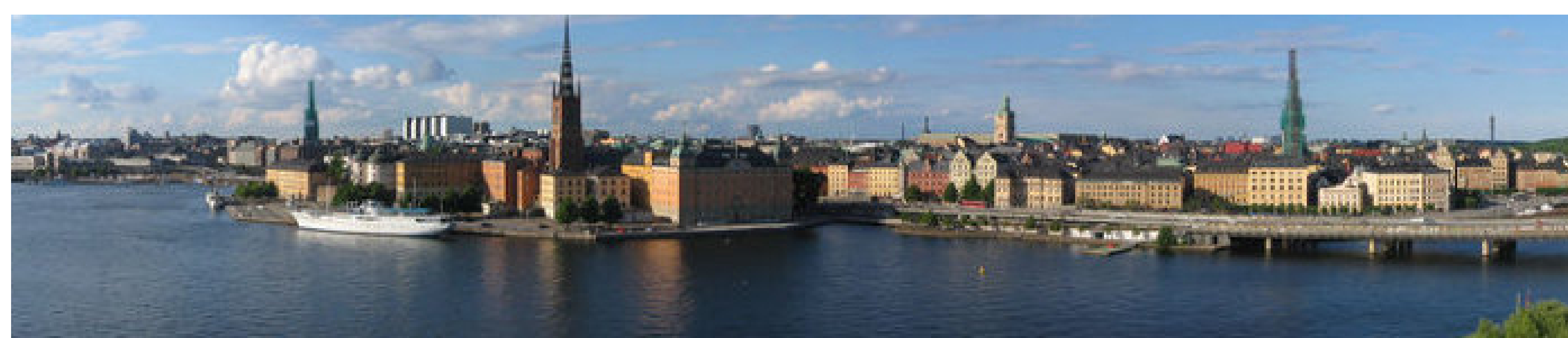
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VENUE



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