IWS 2012 at IJCAR: CALL FOR PAPERS
2nd Joint International Workshop on Strategies
in Rewriting, Proving and Programming
1 July 2012, Manchester, UK
http://www.dcs.kcl.ac.uk/staff/maribel/IWS2012/IWS2012.html
Submission: 27 April 2012

AIM AND TOPICS: Strategies are ubiquitous in automated reasoning engines, high-level programming languages, verification tools, and affect their useability, performance and practical impact. They control search (for proofs or models), transformation (of programs), access (to resources) and modelling. Work on strategies and search plans remains often hidden in implementations of theorem provers, proof assistants, model builders, interpreters, SAT and SMT solvers, decision procedures for satisfiability, termination provers and verifiers. The 2nd IWS Workshop provides a forum to present research on strategies, focusing on the following topics:

- Strategies in automated theorem provers, automated model builders, decision procedures and their combinations, SAT and SMT solvers;
- Strategies and tacticals in interactive theorem provers and proof assistants;
- Strategies in interpreters of programming languages, rewriting engines and termination provers;
- Strategies in program analysers and tools for verification modulo theories;
- Performance evaluation: empirical evaluation, comparison and optimisation of strategies;
- Strategy analysis: evaluation, comparison, and optimisation of strategies by mathematical approaches to model search spaces and measure search complexity;
- Strategy languages: essential constructs, meta-level features, design, implementation and application;
- Applications and case studies where strategies play a major role.

Papers on strategies in automated reasoning, programming languages and software verification are equally welcome, as the workshop aims at facilitating synergies.

IMPORTANT DATES: All in 2012:
Submission: 27 April; Notification: 27 May; Preliminary proceedings version due: 6 June
Submission for final proceedings: 9 September; Notification: 9 November; Final version: 2 December.

SUBMISSION AND PUBLICATION: There are three categories of submissions:
Regular: This is for typical workshop papers. Authors submit an abstract (max 5 pages). Accepted abstracts are presented at the workshop and included in the preliminary proceedings, available at the workshop. After the workshop, authors of accepted abstracts are invited to submit a full version (max 15 pages), which is refereed again for inclusion in the final workshop proceedings, to be published in EPTCS (http://eptcs.org/).
Abstract-only: This is for preliminary research that may not be ready to develop into a full paper after the workshop. Authors submit an abstract (max 5 pages). Accepted abstracts are presented at the workshop and included only in the preliminary proceedings.
Presentation-only: This is for papers in the scope of the workshop that have been or will be published elsewhere. They may be submitted in full (max 15 pages), indicating where the paper appears. If accepted, one page including title, authors, abstract as in the published paper, and a reference to the full paper, is included in the preliminary proceedings.

Authors are strongly encouraged to use LaTeX and must indicate the submission category. All submissions are through https://www.easychair.org/account/signin.cgi?conf=iws2012 reachable from the workshop web site.

PROGRAM COMMITTEE: Maria Paola Bonacina (Co-Chair) (Università degli Studi di Verona), Dan Dougherty (Worcester Polytechnic Institute), Bruno Dutertre (SRI International), Maribel Fernández (Co-Chair) (King’s College London), Mnaoch Echenim (Université de Grenoble), Swen Jacobs (EPFL), Salvador Lucas (Universidad Politécnica de Valencia), Christophe Ringeissen (INRIA), Stephan Schulz (e-prover.org)

CONTACT: mariapaola.bonacina@univr.it and Maribel.Fernandez@kcl.ac.uk