

# CALL FOR PAPERS

## *4th International Workshop on Rewriting Logic and its Applications (WRLA2002)*

Pisa, Italy, 19-21 September, 2002

**Aims and Scope.** Rewriting logic (RL) is a natural model of computation and an expressive semantic framework for concurrency, parallelism, communication and interaction. It can be used for specifying a wide range of systems and languages in various application fields. It also has good properties as a framework for representing logics. Several languages based on RL (ASF+SDF, CafeOBJ, ELAN, Maude, etc.) have been designed and implemented. The aim of the workshop is to bring together researchers with a common interest in RL and its applications.

The topics of the workshop include, but are not limited to:

- foundations, models, and extensions of RL;
- languages based on RL;
- RL as a logical framework;
- applications of RL to:
  - object-oriented systems;
  - concurrent and/or parallel systems;
  - interactive, distributed, open ended and mobile systems;
  - specification of languages and systems;
- rewriting approaches to behavioral specifications;
- comparisons of RL with existing formalisms having analogous aims.

In addition to the presentations of research results, the program will include tutorials and invited presentations, system demonstrations and panel discussions on specific research topics.

Previous workshops of the same series have been organized in Asilomar (1996), Pont-a-Mousson (1998) and Kanazawa (2000). The proceedings appeared as *Electronic Notes in Theoretical Computer Science* Vols. 4, 15 and 36.

**Location.** WRLA2002 will be held in Pisa on 19-21 September, 2002, at the congress center (ex Convento delle Benedettine) of the local bank (Cassa di Risparmio di Pisa).

### **Program Committee.**

David Basin	University of Freiburg
José Fiadeiro	University of Lisbon
Kokichi Futatsugi	JAIST, Tatsunokuchi
Fabio Gadducci	University of Pisa
Claude Kirchner	INRIA Lorraine & LORIA, Nancy
Narciso Marti-Oliet	Universidad Complutense, Madrid
Josè Meseguer	University of Illinois at Urbana-Champaign
Ugo Montanari (Chair)	University of Pisa
Pierre-Etienne Moreau	INRIA Lorraine & LORIA, Nancy
Peter Mosses	BRICS & Univ. of Aarhus
Carolyn Talcott	Stanford University, Palo Alto
Martin Wirsing	LMU, Muenchen

**Submissions.** Papers must contain original contributions, be clearly written, and include appropriate reference to and comparison with related work. Papers (of at most 12 pages) should be submitted electronically. The proceedings will be available at the time of the workshop and will be published in the ENTCS series.

### **Important Dates.**

May 24, 2002	Deadline for submission
July 24, 2002	Notification of acceptance
August 20, 2002	Final version in electronic form
September 19-21, 2002	Workshop in Pisa

### **Organizing Committee.**

Roberto Bruni, Fabio Gadducci (Chair) and Ugo Montanari (University of Pisa).

### **Chair for Tutorials and System Demonstrations.**

Narciso Marti-Oliet, Universidad Complutense, Madrid.

### **For more information:**

URL <http://www.di.unipi.it/wrla2002>  
email [wrla2002@di.unipi.it](mailto:wrla2002@di.unipi.it)