

AAAI - 97

Workshop on Spatial and Temporal Reasoning

Message from the Editor

Although not advertised as an annual event, this is the third *AAAI Workshop on Spatial and Temporal Reasoning* in as many NCAI meetings, and it parallels a similar series of workshops at all of the IJCAI meetings since 1993. We are pleased to welcome you to the workshop and the NCAI! These workshops hold a rather unique role of bringing together participants from diverse groups and interests while maintaining the common themes of space and time. All in attendance will, we trust, both contribute to and benefit from the discussions and presentations. Intersecting issues of space and time play a central role in the workshop, and we hope that fruitful cross-fertilization takes place from observing the harmonies and discordances created between these two related dimensions. The program for the day has been organized to give as much opportunity for participation and exchange of ideas as possible, while also providing many of you a short time to present your research results. Between 4 technical sessions are interspersed coffee breaks, a Panel Discussion, and an Open Mike session. Twelve presentations were selected from the contributed papers, divided loosely by theme: Control, Constraints, Qualitative/Quantitative Methods, and Spatial Descriptions.

As in past workshops, there is a broad mix of theory and application, of spatial and temporal emphases, and of representation methods and reasoning strategies. The diversity reflects the diversity of the authors, who come from 6 countries on 3 continents, representing academic, governmental, and commercial institutions. The broad regional and intellectual participation in this workshop are an indication of the interest and importance of the field. We thank all the attendees for their participation and contributions.

The organizers expect that the workshop will offer a stimulating and professionally rewarding time for all, promoting interchange and collaboration. Enjoy the Workshop and the other NCAI activities!

Rita V. Rodríguez
Editor & Organizing Committee

The Chair wishes to give Special Thanks to:

Workshop Organizing Committee

AAAI-97 Chairs

Benjamin J. Kuipers	Bonnie Webber	Raymond C. Mooney
Univ. of Texas - Austin	Univ. of Pennsylvania	Univ. of Texas - Austin
Program Co-Chair	Program Co-Chair	Workshops Chair

. . . and to all of the following :

Rita Virginia Rodríguez for continued inspiration in proposing and creating a Workshop on Spatial and Temporal Reasoning, followed by tireless support for its elaboration. She has been both instigator and coordinator, to whom we are also indebted in the preparation of this volume.

Our secretaries, assistants, and students who have contributed to the process.

The *National Science Foundation* for providing the time and support for the Chair and Editor to prepare for and attend the workshop.

All other department chairs, deans and corporate managers who allowed the participants to devote their time and effort to the Workshop.

All authors, panel members, participants, and attendees:

Anger, Frank
Cervera, Enric
Epstein, Susan
Gryl, Agnès
Hahn, Udo
Kettani, Driss
Loerch, Ute
Mitra, Debasis
Muscettola, Nicola
Rodriguez, Rita
Singh, Munindar
Staab, Steffen

Bailey-Kellogg, Christopher
del Pobil, Angel P.
Giambrone, Steve
Guesgen, Hans
Jeansoulin, Robert
Ligozat, Gérard
Loganatharaj, Rasiah
Moulin, Bernard
Pell, Barney
Singh, Mona
Smith, Ben
Zhao, Feng