Proceedings of the
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of the
Cognitive Science Society

Wayne D. Gray and Christian Schunn
Editors

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FOREWORD

This Proceedings documents the talks, posters, tutorials, and symposia presented at the 24th Annual Meeting of the Cognitive Science Society. The meeting took place at George Mason University in Fairfax Virginia, USA from August 7 through August 10, 2002. Hundreds of submissions were received from around the world. Following last year’s first European conference, it seems as if the annual meeting has become a truly international event.

The theme of this year’s conference was Applied Cognition; that is, cognitive science that is either inspired by or applied to real world problems. This theme was reinforced by our plenary speakers. Stuart Card (of PARC) reminded us that successful applications of other sciences did not take a direct route from the science to application, but required the development of engineering disciplines that entailed their own research, paradigms, and formalisms. David Woods (of The Ohio State University) proposed an outline for the form that one such cognitive science-inspired engineering discipline might take. As co-Chairs, we limited our direct manipulation of the Program to our selection of these two plenary speakers. However, we are pleased to note that a large number of symposia, talks, and posters seem to have been inspired by or contributed to applied issues.

This year saw the introduction of a new submission category: publication-based submissions. Publication-based submissions allow established researchers to present talks in their area of expertise without submitting full 6-page papers. Instead, the researcher submits proof of a publication record in a given area along with a 500-word abstract of the work they would like to present at the conference. A one-page camera-ready abstract, similar to the member abstracts, is submitted later and is included in the proceedings. The goal of this new submission category is to encourage greater participation in the conference by senior cognitive scientists. Judging by the success of this category at CogSci2002, we expect it to grow over the coming years.

Like the Chairs who have gone before us, we too felt almost overwhelmed by the task of selecting and organizing our multitude of papers and symposium into coherent and non-conflicting sessions. Our task was made both easier and harder this year by the use of Simon™, conference management software commissioned by the Cognitive Science Society. Future Chairs will greatly benefit from our alpha testing of this potentially marvelous software.

There are many people to whom we owe thanks and we hope that we have listed each of their names on the pages that follow this Foreword. We would like to provide our special thanks to the following:

The Governing Board of the Cognitive Science Society for inviting us to host the meeting.
The Program Committee for acting in the capacity of Associate Editors in managing the review process.
The more than 200 reviewers for providing professional reviews and, in most cases, copious comments.
Frank Ritter and Chris Kello for organizing and coordinating the tutorial program.
Mike Byrne and Kevin Gluck for organizing the student volunteers.
Stellan Ohlsson for chairing the Marr Prize committee.
Debbie Kranz for being ready, willing, and able to coordinate the local arrangements.
Art Markman and Deborah Gruber for introducing a central Cognitive Science Society presence to the conference.
Financial support: Air Force Office of Scientific Research, DARPA, Air Force Research Labs, CHI Systems, Aptima and The Robert J. Glushko and Pamela Samuelson Foundation. George Mason University donated the use of the facilities and backed the conference with substantial financial contributions from the College of Arts & Sciences, School of Education, School of Information Technology & Engineering, Provost Office, and Psychology Department.
The plenary speakers: Stu Card and David Woods.
And our authors, symposium participants, and attendees for making the conference a true intellectual feast.

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