Preface

The International Conference TSD 2001, the fourth event in the series on Text, Speech, and Dialogue, which originated in 1998, presents state–of–the–art technology and recent achievements in the field of natural language processing. But, this year's TSD 2001 is organized as the "real" conference involving all components belonging to such an event – invited talks given by top-class researchers and plenary and problem oriented sessions are preceded by four tutorials evolving around all problem areas of human–machine interaction.

The conference declares its intent to be an interdisciplinary forum, which intertwines research in speech and language processing as well as research in the Eastern and Western hemispheres. We feel that the mixture of different approaches and applications gives a great opportunity to get acquainted with the current activities in all aspects of language communication and to witness the amazing vitality of researchers from the former East Block countries. The financial support of ISCA (International Speech Communication Association) enables the wide attendance of researchers from all active regions of the world.

This book contains a collection of all the papers presented at the international conference organized by the Faculty of Applied Sciences of the University of West Bohemia in Pilsen in collaboration with the Faculty of Informatics, Masaryk University in Brno, and held in the beautiful setting of Železná Ruda (Czech Republic), September 11–13, 2001. A total of 59 accepted papers out of 117 submitted, contributed by 122 authors (47 from Central Europe, 11 from Eastern Europe, 54 from Western Europe, 5 from America, and 5 from Asia) are included in these conference proceedings.

We would like to gratefully thank the invited speakers and the authors of the papers for their valuable contributions, the ISCA for its financial support, and Prof. Ježek, Dean of the Faculty of Applied Sciences, for greeting the conference on behalf of the University of West Bohemia.

Last but not least, we would like to express our gratitude to the authors for their strive to provide the papers in time, to members of the Program Committee for their careful reviews, to the editors for their hard work in preparing these proceedings, and to the members of the Local Organizing Committee for their enthusiasm in organizing the conference.

June 2001   H. Hermansky and V. Matoušek

Organization

TSD 2001 was organized by the Faculty of Applied Sciences, University of West Bohemia in Plzeň (Pilsen), in cooperation with the Faculty of Informatics, Masaryk University in Brno, Czech Republic. The conference Web–page is located at URL:

      http://www-kiv.zcu.cz/events/tsd2001/.

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