Preface

I am very honoured to present the proceedings of the Fourth International Conference CASYS 2000 on Computing Anticipatory Systems, Liège, Belgium, August 7-12, 2000, organised by the non-profit association CHAOS, Centre for Hyperincursion and Anticipation in Ordered Systems, Institute of Mathematics of the University of Liège.

CHAOS asbl is member of the IFSR, International Federation for Systems Research (Austria), which regroups 29 international systems research associations.

Since 4 years, the Business School HEC-Liège, Hautes Etudes Commerciales de Liège, welcomes our conferences CASYS in its marvellous building.

This year, the participants appreciated so much the invited talk of the Professor Dr Lotfi A. Zadeh (USA), Invited Speaker. He received the CHAOS AWARD, with a Crystal Eagle Owl of Val Saint-Lambert, for his outstanding scientific works on Foundation of fuzzy logic, soft computing, computing with words, and the newly developed computational theory of perceptions.

Absolutely all this world of science was fascinated by the great intelligence and human kindness of Professor Dr Lotfi A. Zadeh who answered to the numerous questions about his pioneer work.

This CASYS 2000 conference was animated by 225 authors and co-authors, coming from 40 countries, who presented 144 papers in 12 symposiums in 4 parallel sessions during the whole week. All these authors are thanked for their high level scientific contributions.

The American Institute of Physics publishes a selection of 60 papers in AIP Conference Proceedings # 573, 2001.

The Center for Hyperincursion and Anticipatory Systems, CHAOS asbl, publishes the other 84 invited papers of CASYS 2000, in the following three volumes 8, 9, 10 of the International Journal of Computing Anticipatory Systems, IJCAS.

Recall that the CASYS conferences are the unique international conferences dealing with the topic of Computing Anticipatory Systems and the International Journal of Computing Anticipatory Systems, IJCAS, is the sole journal dealing with this domain. IJCAS collection is more and more ordered by university libraries.

Amongst the numerous sponsors and sponsorships, I would like to thank particularly the Fonds National de la Recherche Scientifique and the Ministère de la Communauté Française de Belgique for their financial supports in the practical organisation of the CASYS conferences.

Daniel M. Dubois,
Director of CHAOS,
President of CASYS