

Preface

Due to the increasing success of the CASYS conferences, three volumes, instead of two, of the International Journal of Computing Anticipatory Systems, IJCAS, are published for CASYS'99. This 7th volume contains invited papers in the topics of Fuzzy Systems, Genetic and Neural Algorithms presented at the Third International Conference CASYS'99 on Computing Anticipatory Systems, held at the Business School HEC at Liège, Belgium, August 9-14, 1999, organised by the non-profit association CHAOS.

This issue contains also invited papers presented at the Special Focus Symposium of CASYS'99, on "Quantum Neural Information Processing : New Technology ? New Biology ?" organised by Dr Peter Marcer and Dr Aylmer Crompton, the Cybernetic Machine Group of The British Computer Society.

Asbl CHAOS , Centre for Hyperincursion and Anticipation in Ordered Systems, Institute of Mathematics of the University of Liège, bestowed the Distinguished Service Award, with a Crystal Pyramid of the Val Saint-Lambert, to Peter J. Marcer for his outstanding scholarly work and for having organised this special focus symposium. Peter Marcer attended the CASYS conferences since the first one, and attracted high level scientists working in quantum world.

CASYS'99 was enhanced with the following Personalities of the Honorary Committee:

Dr Daniel Bacquelaine, Député-Bourgmestre de Chaudfontaine

Paul Bolland, Gouverneur de la Province de Liège

Robert Collignon, Ministre-Président du Gouvernement Wallon

Michel Daerden, Ministre des Transports, Professeur à HEC

Jacques Defer, Secrétaire Général de HEC-Liège

Marc Dubru, Directeur Président de HEC-Liège

Jean-Pierre Grafé, Député au Parlement de la Communauté Française, Ancien Ministre

Franz Monfort, Professeur Emérite de l'Université de Liège

Jean-Marie Roberti, Directeur du Protocole et des Relations Extérieures de la Ville de Liège

Yvan Ylief, Ministre de la Politique Scientifique

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.

I will be honoured to welcome old and new authors at the next International Conference CASYS'2000, Liège, Belgium, August 7-12, 2000.

Prof. Dr Lotfi Zadeh, Founder of the Fuzzy Sets, and Prof. Dr Brian Josephson, Nobel Prize in Physics, already accepted to be the invited speakers of CASYS'2000.

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