

Preface

This 4th volume of the International Journal of Computing Anticipatory Systems contains invited papers in the topics of anticipatory and cognitive systems presented at the Second International Conference CASYS'98 on Computing Anticipatory Systems, held at the Business School HEC at Liège, Belgium, August 10-14, 1998, organised by the non-profit association CHAOS, Centre for Hyperincursion and Anticipation in Ordered Systems, Institute of Mathematics of the University of Liège.

This issue contains also all the invited papers presented at the Special Focus Symposium of CASYS'98, on "Anticipation, Cognition and Music", organised by ESCOM, the European Society for Cognitive Sciences of Music.

The laureate of the Best Paper Award with a Music Crystal was François Pachet with his paper "Surprising Harmonies". This volume contains his paper as an introduction to this symposium.

The International Scientific and Program Committees of CASYS'98, bestowed, this year, the CASYS'98 AWARD on Professor Dr José Luis Simões da Fonseca for his outstanding scientific works on Neuronal Basis of Cognitive Processes. José Luis Simões da Fonseca was a pioneer in the development of neuronal models. He collaborated and published several papers with Dr Warren McCulloch in the USA.

CASYS'98 was enhanced with the following Personalities of the Honorary Committee:

Marcel Aldenhoff, Directeur-Administrateur de HEC

William Ancion, Ministre chargé de l'Enseignement supérieur, de la Recherche, du Sport et des Relations Internationales du Gouvernement de la Communauté française

Paul Bolland, Gouverneur de la Province de Liège

Robert Collignon, Ministre-Président du Gouvernement Wallon

Nicolas M. Dehousse, Président du Comité de l'Académie Royale de Belgique pour les Applications de la Science

Marc Dubru, Directeur de HEC

Michel Foret, Sénateur - Député Wallon Membre du Parlement de la Communauté française

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

Willy Legros, Recteur de l'Université de Liège

Hector Magotte, Echevin de la Culture, des Musées et du Tourisme Office du Tourisme

Didier Reynders, Président du groupe PRL-FDF

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

Yvan Ylief, Ministre de la Politique Scientifique.

I anticipate that the next CASYS'99, Liège, Belgium, August 9-14, 1999, will attract more scientists working on computing anticipatory systems from more different countries.

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