

Preface

This volume 24 of the International Journal of Computing Anticipatory Systems contains the second part of the partial proceedings of the invited and accepted papers presented in symposiums 4, 5 and 6 of the Ninth International Conference, CASYS'09, on Computing Anticipatory Systems, HEC – ULg, Liège, August 3-8, 2009.

At the CASYS'09 Award Ceremony, **Professor Luc Steels (Belgium), *Invited Speaker***, received the **CASYS'09 AWARD with a Crystal Book of Val Saint-Lambert**, for his outstanding scientific works on ***Natural Language and Artificial Intelligence***, during a ceremony where he presented an invited talk on ***Adaptive Language Games with Robots***.

I express my grateful thanks to the members of the following CASYS'09 committees for their collaboration and their role as referees in the review process of all the papers:

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This volume begins by the Introduction that deals with the Invited Paper on “*Levels of Emergent Behaviour in Agent Societies*” presented by Adina Magda Florea, Eugenia Kalisz and Andrei Olaru (Romania).

The first chapter **Anticipatory Reasoning and Computing Systems** of this volume 24 deals with invited and accepted papers from the symposium 4.

Then, the second chapter **Soft Computing and Natural Intelligence** contains papers from the symposium 5 of CASYS'09.

Finally, the third chapter on **Cognition, Language, and Consciousness** gives invited papers from the symposium 6, with a few papers presented in the special session on **Science of Consciousness**, organized by Gilles L. Nibart and Jerry LR Chandler.

As President of CASYS'09, I would like to thank **Professor Dr Pere Julià (Spain), Invited Speaker**, for having accepted the office of Vice-President of CASYS'09, and for his collaboration during this conference.

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