

Preface

This volume 21 contains the second part of the partial proceedings of the invited papers presented at the Eighth International Conference, CASYS'07, on Computing Anticipatory Systems.

This volume begins by the Introduction that deals with the Invited Paper on "Anticipation, Repression and Error in Freud's 1895 Model of the Mind" presented by J. Brendan K. Maloney (Spain).

Then, there are invited papers from the symposiums 6, 7, 8 and 9 of CASYS'07.

Papers from the symposium 6 are published in the chapter "Conscious Brain and Education".

Papers from the symposium 7 appear in the chapter "Mind and Living Systems".

In this chapter, there are the papers of the Invited Session, on "Part-Whole Relations and Anticipation", organized by Gertrudis Van de Vijver.

Papers from the symposium 8 are in the chapter "Risk Management, Economical Systems, and Social Models".

In this chapter, there are the papers of the Invited Session, organized by Miroljub Kljajić and Vladislav Rajkovič, on "The Anticipative Concept in Simulation Based Decision Support in Complex Systems".

Finally, papers of the symposium 9 are printed in the chapter "Applied Mathematics, Programming, and Biomimetic Tools".

In this chapter, there are the papers of the Invited Session, on "Application of Biomimetic Design Methods in Infrastructure Systems", organized by Ryszard Klempous and Zenon Chaczko

All the organizers of these Invited Sessions are warmly thanked for having given new subjects of research and development to the participants of CASYS'07.

Let us recall that the International Program and Scientific Committees of CASYS'07 bestowed the CASYS AWARD to Dr George F. Chapline, Physicist, N-division, Lawrence Livermore National Laboratory (USA), with a Crystal Book of the Val Saint-Lambert, for his outstanding scientific works on "Foundations of Quantum Physics and Mathematics". This was a big honour to welcome him at CASYS'07.

The members of the International Program and Scientific Committees are thanked for their collaboration and their role as referees in the review process of all the papers.

Finally, the last but not the least, I would like to thank personally the Vice-President of CASYS'07, Prof. Loet Leydesdorff, Amsterdam School of Communications Research (ASCoR), University of Amsterdam, The Netherlands, for his very efficient collaboration in all aspects of the organisation of the conference.

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Director of asbl CHAOS,
President of CASYS.