

## Preface

This third volume contains the last 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 excellent Invited Paper on "Quantum Physics and Matter Self-Organization" of Arturo Graziano Grappone (Italy), which was presented in the Invited Session of Salvatore Santoli.

Then, this volume gives the papers presented in the Invited Session on Logic and Semantics in Front of Nanoscale Physics, organised by Salvatore Santoli, INT – International Nanobiological Testbed Ltd. I thank Salvatore Santoli for having organised this very interesting session.

After that, this volume contains the papers of the 6<sup>th</sup> BCSCMsG International Symposium, on Rewrite Science – The Universal Semantic Calculus and Grammatical Cosmos, organised by Peter Marcer, British Computer Society – Cybernetic Machine Specialist Group (BCS). This symposium is the continuation of the preceding ones and Peter Marcer is thanked for his continuous fruitful collaboration.

Finally, the papers of the VI<sup>th</sup> International Symposium in Honor of Jean-Pierre Vigier, on Multidimensional Aspects of Anticipation in Complex Systems, organized by Richard L. Amoroso, Noetic Advanced Studies Institute, are also included in this volume. Thank to Richard Amoroso for this new Vigier symposium.

On behalf of all the participants, I would like to thank Mrs. Christiane Malemprez for the secretariat and the front desk management of this conference CASYS'07. Also, Mrs. Maria Julià, Mrs. Eufrosina Otlacan, Mrs. Eugenia Kalisz, Mr. Roger Corbet, and Mr. Toni Mascia are thanked for their tirelessly help at the front desk.

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The next International Conference CASYS'09, on Computing Anticipatory Systems, will be held at HEC Management School – University of Liege, August 10-15, 2009.

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