

## Preface

The International Scientific and Program Committees of CASYS'11, the Tenth International Conference on Computing Anticipatory Systems, bestowed the CASYS AWARD to Louis H. Kauffman for his outstanding works on Mathematics, Statistics and Computer Science. Dr Louis Kauffman, Invited Speaker, presented the Lecture of CASYS AWARD, included in the Introduction of this volume.

This volume 28 contains the third part of the partial proceedings of the invited and accepted papers presented in symposium 4 on "Computing Systems, Information, Software, and Anticipatory Reasoning", and in symposium 5 on "Soft Computing, Natural and Artificial Intelligence, Consciousness, and Language", of the Tenth International Conference, CASYS'11, on Computing Anticipatory Systems, organized by CHAOS.

The following authors received a BEST PAPER AWARD:

Bohdan Hejna (Czech Republic), with a Belgium Crystal,  
Yuichi Goto and Jingde Cheng (Japan)  
Dobilas Kirvelis (Lithuania)  
Takayuki Niizato and Yukio-Pegio Gunji (Japan)

Particularly, I would like to thank all the following Members of the International Program Committee of CASYS'11:

Viveca Asproth (Sweden), Marcel Ausloos (Belgium), Ariane Bazan (Belgium), P ter B. B da (Hungary), Jean-Paul Broonen (Belgium), Jingde Cheng (Japan), Daniel M. Dubois (Belgium), Jean Godart (Belgium), Arturo Graziano Grappone (Italy), Thierry Grisar (Belgium), Yukio-Pegio Gunji (Japan), Stig C. Holmberg (Sweden), Eugenia Kalisz (Romania), Konstantinos Karamanos (Belgium), Louis H. Kauffman (USA), Dobilas Kirvelis (Lithuania), Ryszard Klempous (Poland), Laurent Lef bvre (Belgium), Francis Lowenthal (Belgium), Michele Malatesta (Italy), Peter J. Marcer (France), Gilles Nibart (France), Eufrosina Otlacan (Romania), Stefan Pickl (Germany), Jean Ramaekers (Belgium), Peter Rowlands (United-Kingdom), Salvatore Santoli (Italy), Walter Schempp (Germany), Eric Schwarz (Switzerland), Gertrudis Van de Vijver (Belgium), Roger Vergauwen (Belgium)

The next parts of the of the partial proceedings of the invited and accepted papers presented at the International Conference CASYS'11 on Computing Anticipatory Systems, are published in volumes 29 and 30.

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