



© Daniel M. Dubois

**Photo of Michel Bounias at CASYS'99**

## Preface

This third volume contains the last part of the partial proceedings of the invited papers presented at the Sixth International Conference, CASYS'03, on Computing Anticipatory Systems. As an introduction, this volume gives the paper "The Universe From Nothing : A Mathematical Lattice of Empty Sets ", by Michel Bounias (France) and Volodymyr Krasnholovets (USA), in memory of our friend Michel.

### Homage to Michel Bounias

Michel Bounias passed away March 23, 2003. It gave us a dreadful shock. He was our friend and intended to participate to our conference CASYS'03.

Personally, I met him at Lisbon, in 1994, at the Piaget Institute for the edition of his book in Portuguese language "A Criação da Vida", Michel Bounias". Ed. Instituto Piaget, 1994, ISBN: 972-9295-69-7, at the same time I edited my book "O Labirinto da Intelligência", Daniel Dubois, Ed. Instituto Piaget, 1994, ISBN 972-9295-67-0. At that time, we discussed a lot, in walking around in Lisbon, about many various topics, and we became friends.

Michel Bounias wrote many papers and books in the following non exhaustive fields: biology, physics, epistemology, often with original mathematics. His creativity was so profound, with an universal thought, that it is often difficult to follow him.

He participated with a great enthusiasm to the CASYS conferences, and presented excellent papers on anticipation. He was a precious referee for the review of the difficult papers. All the participants appreciated him a lot and will never forget him.

Michel Bounias was a solitary, and a very discreet man, but a very nice man with his friends. He was so discreet that I only learned, by chance, a few weeks after his death, that one of his last book was in press, the editor living in the same street as me, in Belgium! This book "Le Forgeron de l'Autre-Monde", Ed. Marco Pietteur, collection Safran, 2004, ISBN 2-930211-29-6, deals with the humanist and philosophical message of Richard Wagner, at the research of the lost paradigm.

With the death of Michel Bounias, the humanity has lost one of its most famous, but not enough recognized, scientist, and, us, we have lost a so marvelous friend.

Good-bye Michel, never we will forget you.

Daniel

The session on "Real, Imaginary, Symbolic" was organized with the support of Professor Dr Gertrudis Van de Vijver, University of Gent, Belgium. This issue contains also the symposium on "The Universe, the Nothing that is!" organized by Dr Peter J. Marcer, the Cybernetic Machine Group of The British Computer Society. Many thanks to both of them.

On behalf of all the participants, I congratulate Mrs. Christiane Malemprez for her excellent work in the practical organization of this conference CASYS'03.

Our non-profit association CHAOS will organise the next CASYS International Conference on Computing Anticipatory Systems, at Liège, Belgium, in August, 8-13, 2005.

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