

COPCOM 2011

Coping with Complexity

Cluj Napoca, October 19-20, 2011



COPCOM 2011

1st International Conference on Coping with Complexity

www.complexity2011.org

Collocated with NICSO 2011, the Fifth International Workshop on Nature Inspired Cooperative Strategies for Optimization

www.nicso2011.org

The first edition of 'Coping with Complexity' welcomes scientists and researchers over the vast field of Complexity to exchange ideas in Cluj-Napoca, on October 19-20, 2011.

COPCOM aims at starting a dialogue between researchers and practitioners from various fields related to the study of Complexity. It is also envisaged as a framework for connecting scientists from humanities, behavioural and computational sciences. Hopefully, the various meanings of 'complexity' will find a common ground in this interdisciplinary forum where specific approaches on coping with complexity will be discussed.

Conference topics and themes

Interdisciplinary framework:

Artificial Intelligence, Game Theory, and Decision Theory

- * *Philosophical and Computational aspects of AI and Complexity*
- * *Metaheuristics and Complexity*
- * *Multi-agent systems - Strategic/complex interactions*
- * *Computational Game Theory*
- * *Decision Theory. Multi-criteria optimization*
- * *Complex Networks*
- * *Complexity in Engineering*
- * *Complexity in Sociology and Economics*
- * *Models of economic and technological dynamics*
- * *Models of Social Dynamics*
- * *Combinatorial Optimization and Computational Complexity*
- * *Unconventional Computing*
- * *Physics and Society*
- * *Disordered Systems*
- * *Complexity in Natural Sciences*
- * *Arts, Humanities and Complexity*
- * *Applications*

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