

## 2nd International Conference on Mathematical Modeling in Physical Sciences 2013 (IC-MSQUARE 2013)

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## Preface

The second International Conference on Mathematical Modeling in Physical Sciences (IC-MSQUARE) took place at Prague, Czech Republic, from Sunday 1 September to Thursday 5 September 2013.

The Conference was attended by more than 280 participants and hosted about 400 oral, poster, and virtual presentations while counted more than 600 pre-registered authors. The second IC-MSQUARE consisted of different and diverging workshops and thus covered various research fields where Mathematical Modeling is used, such as Theoretical/Mathematical Physics, Neutrino Physics, Non-Integrable Systems, Dynamical Systems, Computational Nanoscience, Biological Physics, Computational Biomechanics, Complex Networks, Stochastic Modeling, Fractional Statistics, DNA Dynamics, Macroeconomics.

The scientific program was rather heavy since after the Keynote and Invited Talks in the morning, three parallel sessions were running every day. However, according to all attendees, the program was excellent with high level of talks and the scientific environment was fruitful, thus all attendees had a creative time.

We would like to thank the Keynote Speaker and the Invited Speakers for their significant contribution to IC-MSQUARE. We also would like to thank the Members of the International Advisory and Scientific Committees as well as the Members of the Organizing Committee.

### The Conference Chairmen

Theodosios Christodoulakis  
University of Athens

Elias Vagenas  
RCAAM of the Academy  
of Athens

Dimitrios Vlachos  
University of Peloponnese

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- **Saurya Das**, University of Lethbridge, Canada
- **Theocharis Kosmas**, University of Ioannina
- **Damianos Sakas**, University of Peloponnese, Greece

#### **Keynote Speaker**

- **Athanasios S. Fokas**, University of Cambridge, UK

#### **Invited Speakers**

- **Mairi Sakellariadou**, King's College, University of London, UK
- **Eugenio Bianchi**, Perimeter Institute, Canada
- **George M. Spyrou**, BRFAA, Greece
- **José Fernando Mendes**, Universidade de Aveiro, Portugal
- **Marika Taylor**, University of Southampton, UK

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