



UNIVERSITY  
OF  
CRAIOVA

International Workshop on  
**Nonlinear Analysis**  
**and to Applications**  
**Economics**

Dedicated to Professor Dušan Repovš  
on his 60th birthday

Nonlinear analysis is nowadays one of the most collaborative and active scientific research fields as it has been increasingly involving the participation of experts from other disciplines. The aim of this Workshop on Applied Nonlinear Analysis is to present some successful achievements in this rapidly collaborative field, in strong relationship with relevant models in Economics. The Workshop is dedicated to Professor Dušan Repovš (University of Ljubljana) on his 60th birthday and for his honorary degree of Doctor Honoris Causa of the University of Craiova.

**25 September 2014**  
University of Craiova

#### Invited Speakers

**DUŠAN REPOVŠ**

University of Ljubljana

**Variational analysis on the Sierpinski gasket**

**GIOVANNI MOLICA BISI**

University Mediterranea of Reggio Calabria

**Recent results for fractional type equations**

**RAFFAELLA SERVADEI**

University of Calabria

**Critical equations involving fractional nonlocal operators**

**NICU MARCU**

University of Craiova

**Mathematical models in economy**

**VICENTIU RADULESCU**

University of Craiova

**A sharp characterization on fractal sets**

#### Scientific Committee

**DUMITRU BUSNEAG**

Honorary President

**MASSIMILIANO FERRARA**

University Mediterranea of Reggio Calabria

**VICENTIU RADULESCU**

University of Craiova

#### Local Organizers

Mihai Gabrovanu

Andrei Gagiu

Oana Ticleanu



WORKSHOP