

## PREFACE

The *International Conference of Applied Analysis and Differential Equations* was held September 4-9, 2006 at the “Al. I. Cuza” University of Iași and the “Octav Mayer” Mathematical Institute of the Romanian Academy of Iași, Romania.

It was supported by the Project CERES 4-194/2004.

The conference was devoted to recent advances in *Nonsmooth Analysis and Optimizations, ODE, PDE, Control Theory, Stochastic Analysis* and was well attended by mathematicians all over the world. There were 40 minutes plenary invited lectures, 20 minutes talks and a poster session.

This volume includes 29 selected articles, many of them written by leading specialists in their fields and covering the main topics of the conference.

We take this opportunity to express our gratitude to all who have chosen to publish their contributions in this volume as well as to the referees of the submitted papers for their promptitude and high exigence. Furthermore, we thank Ms. Carmen Savin for her excellent secretarial work, as well as Ms. Elena Mocanu for her extremely efficient and skilful assistance in preparation of the camera-ready copy.

Finally, we express our warmest thanks to World Scientific for the very pleasant and fruitful cooperation during the publication of this volume.

Iași, December 19, 2006

Ovidiu Cârjă and Ioan I. Vrabie