

## Preface

This issue is a collection of papers presented at the 8th European Workshop on *Well-Posedness in Optimization and Related Topics* held at the Stefan Banach International Mathematical Center in Warsaw on September 10-14, 2001. It was the eighth of the series of international workshops devoted to this subject, which had been initiated in 1987 by a group of Bulgarian and Italian mathematicians. The general field of workshops is well-posedness, stability and sensitivity, including numerical stability, in variational analysis, with special emphasis on applications to modeling and numerical analysis. Altogether 55 scientists from 16 countries participated in the workshop, including 15 young researchers from European countries. The program consisted of 30 talks by invitation only.

The Program Committee of the 8th Workshop included:

A.L.Dontchev (Sofia – Ann Arbor) - *co-chairman*, P. Kenderov (Sofia), A. Lewis (Waterloo), K. Malanowski (Warsaw), M. Thera (Limoges), T. Zolezzi (Genova) – *co-chairman*.

This issue contains 21 papers and is divided into two parts:

- I) Variational problems,
- II) Optimal control and dynamical systems.

All papers were subject to the reviewing procedure standard for this journal. The editors would like to express their appreciation and gratitude to all referees whose effort is a guarantee for the quality of this volume.

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A.L. Dontchev

K. Malanowski

T. Zolezzi

**Part I:**  
**Variational Problems**

