

Preface

This volume of proceedings consists of the papers presented during the 7th International Workshop on Mathematical Methods on Scattering Theory and Biomedical Engineering, held in Nikios School, in Nymphaio, Western Macedonia, Greece, on 8–11 September 2005. The Workshop is organized every two years by the University of Ioannina, the University of Patras, the National Technical University of Athens and the Institute of Chemical Engineering and High Temperature Chemical Process. This year, in the event, the University of Western Macedonia acted on the host institute and supported the organisation of the Workshop.

Once again, the aims of the workshop of bringing together people who have an interest in, or are carrying out research in the even increasing areas of scattering theory and biomedical engineering, have been achieved. The papers and discussions put forward have all been of a high standard and we believe that we had an exciting workshop. It is clear from the interest in the Workshop from researchers across Europe and the World that research is progressing in scattering and biomedical engineering. We hope that through sharing ideas, solutions, and work in progress, we can speed up the potential benefits of cooperation. One of the main benefits to those attending the workshop is the informal discussions that we cannot report in this volume. We are sure that through these discussions further research, research networks and research projects will be generated.

The 7th Workshop was dedicated to Prof. Stylianos Orphanoudakis who passed away in March 2005. Prof. Orphanoudakis was the chairman of the Board of Directors of the Foundation of Research and Technology Hellas (FORTH) and one of the leading personalities in the field of Biomedical Informatics and Engineering in Greece and worldwide.

The Workshop Organizing Committee takes the opportunity to thank all the authors for their contributions. We thank also the University of Ioannina, the National Technical University of Athens, the University of Western Macedonia, the Ministry of Education, the Municipality of Nymphaio, the Municipality of Kozani and Mr. Theodoros Kolokas for their financial support. We are thankful also to Mrs. Evi Kalabakioti and Ms. Lamprina Dimolika for the excellent organization of the Workshop.

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