Preface

The 39th Polish Seminar on Positron Annihilation (PSPA-10) was held in Kazimierz Dolny, Poland from 20 to 25 June 2010. The PSPA-10 was prepared by the Department of Nuclear Methods (the Institute of Physics at Maria Curie-Skłodowska University in Lublin) as a continuation of the conferences on positron annihilation inaugurated in 1966 by the Institute of Experimental Physics at the University of Wroclaw. The aim of the conference was to provide an opportunity to present the recent progress and to exchange ideas in the fields of research where positron and positronium are involved. Localization of the seminar in Poland helps dynamically developing Polish positron community to present and discuss their results in the international forum.

We are grateful to over sixty scientists from 15 countries, who attended the seminar and presented 42 talks (including 16 invited talks) and 20 posters. Presented topics covered wide spread of positron related research – both fundamental (theoretical calculations, radiation chemistry, hyperfine interactions, positronium physics and chemistry) and applied (metal, polymer, thin film and other material study, development of experimental techniques). We are particularly pleased that one-fourth of the participants were students, indicating that positron annihilation is object of interest of promising young scientists.

The organizers would like to express their special thanks to graduate students Marek Gorgol, Michał Puzio and Maciej Tydda for their hard work on preparation of the conference. The editor is grateful to the referees for their time spent reviewing the manuscripts for this volume and taking care about quality of published papers. Also kind and willing cooperation of the authors of contributed papers making the publication of this volume possible is highly appreciated.

Radosław Zaleski
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