Special Chapter in the recent advancement in Brazil in the field of Thermal Analysis and Calorimetry

Guest Editor

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This compilation is based on the peer-reviewed and selected papers presented at IXCBRATEC

Preface

Fernando L. Fertonani

It is my pleasure to present this Special Chapter of Journal of Thermal Analysis and Calorimetry (JTAC) from the IX Brazilian Congress on Thermal Analysis and Calorimetry (CBRATEC-9). The compilation of thirteen peer-reviewed papers is published in this Special Chapter.

The CBRATEC-9 Congress was held in Serra Negra, São Paulo State, November 09–12, 2014. The conference venue was: Hotel Fazenda Vale do Sol, a wonderful place, where all of the participants have been accommodated. This edition of CBRATEC-9 included 210 presentations and more than 300 participants. A wide range of topics in thermal analysis and its applications were covered in 09 sessions, including: A—Food, Pharmaceutical and Life Sciences—Dr. Eder T. G. Cavalheiro/Dr. Marcelo Kobelnik; B—Earth Sciences and Environment, Dr. Sonia de Almeida; C—Kinetics and Catalysis, Dr. Jivaldo R. Matos; D—Combustíveis Fósseis, Biocombustíveis e Explosivos, Dr. Cheila G. Mothé/Dr. Leandro C. Morais; E—Nanomaterials and biomaterials, Dr. Aldo E. Job/Dr. Ana M. Rocco; F—Inorganic chemistry, metallurgy and ceramics, Dr. Hernane S. Barud; G—Organic chemicals, petrochemicals and polymers, asphalt, Dr. Luci D. B. Machado; H—Thermodynamics and calorimetry, thermochemistry, calorimetry, Dr. Lucildes P. Mercuri; I—Others, Dr. José R. Turqueti. In the Opening Ceremony honored the Prof. Dr. Fernando Luis Fertonani (DQCA-IBILCE-UNESP) due to the excellent work as the president.

The Conference started with plenary lecture read by Prof. Dr. Maria Filomena Camões, University of Lisbon (Former President of Analytical Chemistry Division of IUPAC and EURACHEM). Furthermore other nine plenary lectures were accomplished during the Event by the scientists specially invited: Dr. Alfréd Kállay Menyhárd, JTAC Editor-in-Chief, Hungary; Dr. Jo Dweck, Brazil; Dr. Vera Regina Leopoldo Constantino, Brazil; Dr. Ralf Zimmermann, Germany; Dr. Peter Simon, Slovak Republic; Dr. Luis A. Pérez-Maqueda, Spain; Dr. Dirk Walter, Germany; Dr. Win de Klerk, President of ICTAC, United States; Dr. Agnieszka Tercjak, Spain; Dr. Jorma Hölsä, Finland.

I would like to acknowledge Prof. Dr. Alfréd Kállay-Menyhárd (Editor-in-Chief), Dr. Sophie Korda, and the staff in JTAC for providing support to complete this Chapter. I thank reviewers for their professional evaluation and dedication. Finally, I thank all of the authors for their effort and contribution.

It was decided that the CBRATEC-10 and IV Pan-American Congress on Thermal Analysis and Calorimetry (IV CPANATEC) will be held in the city of São Paulo, Capital of São Paulo State, 17–21 April, 2016; venue: Braston Hotel.

Last but not least, let me take this opportunity to express my sincere thanks for all who have ever helped us during the work of organization, for the Sponsors whose financial help was essential and for all participants and accompanying persons who attended the CBRATEC-9.

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