

Special Issue on Current Topics in Calorimetry and Thermal Analysis in Poland

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Guest Editor



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This compilation is based on the peer-reviewed and selected papers presented at CCTA12

Preface

Barbara Pacewska¹

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Conferences on Calorimetry and Thermal Analysis (CCTA) are the main scientific events co-organized by Polish Society of Calorimetry and Thermal Analysis (PTKAT) every 3 years in Zakopane (Poland), a beautiful town in the Tatra Mountains. These scientific meetings give possibility to present current trends in using thermal methods mainly in Poland, scientific discussions and also initiation of new cooperations. The conferences are of great interest of researchers from Poland and also from abroad.

This Special Issue of Journal of Thermal Analysis and Calorimetry (two parts: vol 125 no 3 and vol 126 no 1, 2016) contains selected papers the results of which were previously presented in Zakopane (Poland) during CCTA 12–12th Conference on Calorimetry and Thermal Analysis organized together with 5th Joint Czech–Hungarian–Polish–Slovakian Thermoanalytical Conference (September 6–10, 2015). Faculty of Chemistry Maria Curie-Skłodowska University (Lublin, Poland) was the main organizer of the conferences. Prof. Zofia Rzączyńska from the university mentioned above undertook the function of Conference Chairperson, while Prof. Barbara Pacewska (Warsaw University of Technology, Poland) was the Conference Co-Chairperson.

The main aim of the conferences was to give possibility of discussions on the results obtained by calorimetry and thermal analysis methods in different fields of investigations, exchange of scientific ideas and establishing new cooperation between researchers from Poland but also from other countries. The scientific program included plenary and session lectures, as well as oral communications and posters (in total ca. 320 contributions) presented in ten

scientific sections. The events also gave the opportunity for getting to know the technical innovations during exhibitions and lectures of instrument manufacturers.

The conferences were attended by 250 participants from different scientific institutes, including scientists from abroad, not only from Czech Republic, Slovak Republic and Hungary, but also from other 15 European (but not only) countries.

Opening ceremony of CCTA 12 was the opportunity for present the awards: Honorary Membership of PTKAT to Professors: Andrzej Małecki and Henryk Piekarski; Medal Memorial of W. Świętosławski to Professors: Judit Simon, Jerzy Błazejowski and Janusz Pysiak; PTKAT award for young scientists for their achievements in the field on calorimetry and thermal analysis to dr Mateusz Piz.

This Special Issue of Journal of Thermal Analysis and Calorimetry contains selected papers dedicated to the conferences. Each of the papers was evaluated by at least two independent reviewers. The papers cover a wide range of fields of applications of different thermoanalytical techniques used as main or complementary methods of analysis. I would like to express our gratitude to all the authors for submitting the manuscripts to this Special Issue.

Success of the conferences and this Special Issue is the result of work of many people. I appreciate time and great work of the reviewers. I am grateful to the members of the Organizing and Scientific Committees, especially to Prof. Zofia Rzączyńska, for their great effort during organization of the conferences. Many thanks for the great support of sponsors. My special thanks to Alfred Kállay-Menyhárd, Editor-in-Chief of JTAC, colleagues from the Editorial Office and Springer. Many thanks to all conference participants who provided high level of the contributions as well as friendly and unique atmosphere of the meeting.

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