

Preface

"Termanal'94" was the 13th in the series of international conferences on thermal analysis held and organized mainly by the Faculty of Chemical Technology of the Slovak Technical University in Bratislava and by the National Slovak Group for Thermal Analysis (in the frame of the Slovak Chemical Society). The "Termanal" conferences have been organized at more or less regular three-year intervals, at different localities mainly in the region of the Slovak mountains (Vysoké Tatry).

The nucleus of these conferences emerged in 1956, under the leadership of Prof. R. Bárta from the University of Chemical Technology in Prague, where the first three conferences were held. The following 10 Termanals were organized by Slovak thermal analysts. In 1985, Termanal was held in Bratislava simultaneously with the 8th ICTA Conference. The leading personality of the organizing committees of these conferences was Assoc. Prof. Ing. Matej Vaniš C.Sc. from the Department of Ceramics, Glass and Cements of the Faculty of Chemical Technology, Slovak Technical University in Bratislava.

At all these conferences, the contributions were edited by the date of the event, in publication of Proceedings (each 4-6 pages), all containing abstracts in English.

After the division of Czechoslovakia into two independent republics, the 13th Termanal was organized (like the first one) in the High-Tatras (Stará Lesná) on 4-10 October, 1994. We hope, that the National Slovak Group will continue to organize the Termanal conferences, which have become traditional thermoanalytical events, and that they will be attended by many members of the thermoanalytical family from Europe and elsewhere, as were the previous 12 conferences.

Eighty-two participants took part in Termanal'94. Fourteen plenary lectures and fifty-seven posters were presented in the various sections: New equipment; Methods and Interpretations; Inorganic chemistry and technology; Metallurgy, ceramics, glasses and building materials; and Organic chemistry and technology. Beside these sections, two round-table discussions were held, on the topics "History, presence and future of thermal analysis" and "TA - solving problems of ecology". New thermoanalytical and other equipment were exhibited by Netzsch, Setaram, national firms and scientific institutions.

The conference, including its social programme, was held in a very friendly atmosphere, (appropriate for thermal analysts) in the charming surroundings of the High-Tatra mountains.

On the occasion of this meeting, the National Slovak Group for Thermal Analysis expressed its sincere thanks to the chairman, Assoc. Prof. Ing. Matej Vaniš C.Sc., for all his efforts and work in connection with the foundation of the tradition of the Termanal conferences and for their organization to date. The Committee of the National Group elected as new chairman RNDr. Stefan Vladimír Fajnor C.Sc. from the Department of Inorganic Chemistry, Faculty of Sciences of the Comenius University in Bratislava.

Scientific Committee of Termanal'94:

Assoc. Prof. Ing. Matej Vaniš C.Sc. – Chairman

Prof. Ing. Viktor Jesenák, C.Sc.

Ing. Václava Tomková, C.Sc.

Prof. Ing. Anna Sopková C.Sc.

Assoc. Prof. Ing. Peter Králik C.Sc.

RNDr. Štefan Vladimír Fajnor C.Sc.



*Thank you for your unforgettable activity in organizing Termanal Conferences
Assoc. Professor Matej Vaniš*

A collection of selected papers is presented in this special issue of the Journal of Thermal Analysis; the Guest Editors are Prof. Ing. Viktor Jesenák C.Sc. and Prof. Ing. Anna Sopková C.Sc.

Acknowledgement

May we express our sincere thanks to the referees whose excellent work has contributed to the scientific level of this issue.

Prof. Ing. Anna Sopková, C.Sc.
Assoc. Prof. Ing. Peter Králik
Ing. Ivo Proks, D.Sc.
Prof. Ing. Viktor Jesenák, C.Sc.
Prof. Ing. Adolf Bajza, D.Sc.
Ing. Ladislav Števula, C.Sc.
Ing. Zdenek Hrabě, C.Sc.
Ing. Marek Liška, C.Sc.
Ing. Ladislav Kosa, C.Sc.
RNDr. Pavol Šajgalík, C.Sc.

Congratulatory greetings on the occasion of the 70th birthday of Prof. Viktor Jesenák C.Sc.

Prof. Viktor Jesenák, a prominent educator and scientist in Slovakia, a long-time member of the staff of the Faculty of Chemical Technology of the Slovak Technical University in Bratislava, was 70 years old in January 1996.

As an outstanding teacher, he guided more than 400 under- and postgraduate students in the field of inorganic and silicate technology, but he also delivered lectures on other disciplines not only at the Slovak Technical University, but also at the Comenius University in Bratislava and at the Technical University in Košice.

Prof. V. Jesenák presented the results of his research in over 150 papers in domestic and international journals and symposium proceedings. His results on solid-state kinetics and mechanisms deservedly won him international recognition.

We all wish him and his family very good health and many continuing pleasures from the results of his achievements in his life and work.

Prof. Ing. A. Sopková, D.Sc.

Full manuscript of the Conference received June 20, 1995