8th INTERNATIONAL CONFERENCE ON THERMAL ANALYSIS
Bratislava, Czechoslovakia

Scientific programme

Plenary lectures, summarizing reports and posters will be presented. The Scientific Programme will cover different subjects such as thermophysical measurements of all kinds solid state chemistry and physics, material sciences.

The papers accepted for presentation cover the following topics:

a) Instrumentation for thermal analysis and calorimetry.
b) Advances in theory of thermal analysis, including kinetics and calorimetry.
c) Thermal analysis in inorganic chemistry, ceramics and earth sciences.
d) Thermal analysis in organic chemistry, biology, pharmacy and medicine.
e) Thermal analysis in polymer sciences, including investigations on glasses in general.
f) Thermophysical research, applied sciences, environmental and industrial applications.

Plenary lectures

1. Mechanochemistry of Inorganic Compounds
   Prof. V. V. Boldyrev, Academy of Sciences of the U. S. S. R., Novosibirsk, U. S. S. R.
2. Philosophy of the Mechanism of Diffusion Controlled Solid State Processes
   Prof. V. Jesenák, Slovak Technical University, Bratislava, Czechoslovakia
3. Thermoanalytical Investigation of Latent Heat Thermal Energy Storage Materials
   Dr. T. Ozawa, Electrotechnical Laboratory, Ibaraki, Japan
4. Comenius and Black: Progenitors of Thermal Analysis
   Dr. R. C. Mackenzie, Aberdeen, Scotland, U. K.
   Dr. I. Proks, Slovak Academy of Sciences, Bratislava, Czechoslovakia
5. Quantitative Thermal Analysis of Macromolecular Glasses and Crystals
   Dr. B. Wunderlich, Renselear Polytechnic Institute Troy, U. S. A.

Workshops

Round-table discussions will be held on the following topics:

a) Advances in Thermoanalytical instrumentation.
b) Thermal characterization of non-stoichiometric oxides and other compounds and its application for energy storage and conversion.
c) Current problems of reliability of kinetic data evaluated by thermal analysis.
d) The use of computers and data storage in everyday thermoanalytical practice.
e) Theory and practice of less-common thermoanalytical technique (emanation thermal analysis, thermosonimetry, other methods).
f) Education in thermal analysis.

Deadline for submission of contributions (maximum 4 pages) is December 2. 1984.