

Events

SYMPOSIUM ON THERMAL ANALYSIS

NEW TECHNIQUES — NEW APPLICATIONS

Kraków, Poland, 1975

The Symposium was organized by the Thermal Analysis Section of the Committee of Analytical Chemistry of the Polish Academy of Sciences, together with the Institute of Geology and Mineral Deposites of the Academy of Mining and Metallurgy (Kraków), and the Mettler Instrument AG Greifensee (Zürich, Switzerland). It was held at the Academy of Mining and Metallurgy in Kraków on 23–25 September 1975.

The following lectures were presented:

Verschiedene neue thermogravimetrische Anwendungen auf dem Gebiete der Metallurgie, Mineralogie und anorganischen Chemie

H. WIEDEMANN

(Mettler Instrument AG — Zürich, Switzerland)

Application of the thermal analysis in the hydrometallurgy of zinc and aluminium

W. RIESENKAMPE, M. STYCZYŃSKA and W. ZABIŃSKI

(Polish Academy of Science, Institute of Metallurgy — Academy of Mining and Metallurgy — Kraków, Poland)

Analysis of DTA curves of melting of metals

Z. S. KOLENDĄ, J. NORWISZ and A. RENKIEL

(Academy of Mining and Metallurgy — Kraków — Institute of Non-ferrous Metals — Gliwice, Poland)

Application of thermal analysis for the determination of the phase composition of nitrides exclusions in high strength steels

A. PORAŃSKI, I. SHEYBAL and J. DROBNIĄK

(Institute of Metallurgy of Iron — Gliwice, Poland)

Ein neues Gerät für quantitative DTA und einige Anwendungen in der organischen Chemie

K. VOGEL

(Mettler Instrument AG — Zürich, Switzerland)

Investigation of thermal properties of polyvinyl carbazole and its derivatives

J. PIELICHOWSKI and E. MORAWIEC

(Technical University — Kraków, Poland)

DTA investigation of phase equilibria in liquid crystals systems

M. VIETH and T. DROŹDŹ

(Research Center of Semiconductors — Warszawa, Poland)

DTA of the — irradiated, glassy methylcyclohexane

J. KROH, E. SZAJDZIŃSKA and W. ŚWIĄTKOWSKI
(Institute of Radiation Technique — Łódź, Poland)

Application of thermal analysis for the investigation of reactivity and degree of curing of some electro-insulating lacquers

Z. JASKÓLSKA
(Institute of Electrical Engineering — Wrocław, Poland)

The application of thermal analysis in the investigation of mineral raw materials for orthophosphoric acid production

K. KOWOL
(Institute of Inorganic Chemistry — Gliwice, Poland)

Thermal analysis of the clathrate and complex compounds of nickel thiocyanate and picolines and its use in preparative separation of picolines

W. KEMULA and J. CZARNECKI
(Polish Academy of Sciences, Institute of Inorganic Chemistry — Warszawa, Poland)

Determination of kinetic parameters of the thermal dissociation of acetylacetonates of the transition metals of the IV period

J. MASŁOWSKA and J. BARANOWSKI
(Technical University — Łódź, Poland)

Kinetic constants of the thermal decomposition of coal

S. HEILPERN
(Institute of Chemical Utilization of Coal, Zabrze, Poland)

Thermal dissociation of the basic aluminium-ammonium sulphate in vacuum

B. PACEWSKA and J. PYSIAK
(Technical University, Płock, Poland)

Thermogravimetry of the products of precipitation of goethite

(Technical University, Łódź, Poland)

Influence of the shape and composition of crucibles on the thermogravimetric curve of $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$

R. KRZYSZOWSKA and E. ZDANOWICZ
(University, Warszawa, Poland)

Phase transformations of the compounds of MBr—UBr systems ($M = \text{Li}, \text{K}, \text{Rb}, \text{Cs}$)

W. SZCZEPANIAK and M. WISNIEWSKI
(Technical University, Wrocław, Poland)

Synthesis of polyhalite

J. NAGLER
(Technical University, Gdańsk, Poland)

Decomposition of SiC by feldspar fluxes at high temperatures

J. RZECHEŁA and A. PIELAK
(Technical University, Gdańsk, Poland)

Influence of the raising of maturation temperature of concrete on its carbonisation

R. KRZYWOBŁOCKA—LAUROW
(Institute of Building Technique, Warszawa, Poland)

Application of DTA to the testing of degree of carbonisation of concrete elements covered with ceramic plates

I. STEBNICKA and P. WESOŁOWSKA
(Institute of Building Technique, Warszawa, Poland)