

Events

FIFTH SCANDINAVIAN SYMPOSIUM ON THERMAL ANALYSIS

Trondheim, June 15–17, 1977

Following lectures were delivered:

The use of complimentary data in the application of thermal analysis techniques

D. DOLLIMORE (invited lecturer)

(Department of Chemistry and Applied Chemistry, University of Salford, Salford M5 4WT, England)

The high-low quartz inversion as a petrologic tool

W. SYMKATZ-KLOSS (invited lecturer)

(Institute of Mineralogy, The University of Karlsruhe, FRG)

Thermosonimetry of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ dehydration

G. M. CLARK and R. GARLICK

(Department of Chemical Sciences, The Polytechnic Huddersfield HD1 3DH, U.K.)

Thermal dissociation of carbonates in different atmospheres

H. G. WIEDEMANN* and G. BAYER**

(*Mettler Instrumente AG, 8606 Greifensee/ZH, Schweiz)

**Institut für Kristallographie, ETH, 8006 Zürich, Schweiz)

Polymorph transition kinetics by DTA

P. DAVIES, D. DOLLIMORE and G. R. HEAL

(Department of Chemistry, University of Salford, Salford M5 4WT, U.K.)

High temperature behaviour of quartzite from Gulodden—Kragersø—Norway

HANS PETER GEIS

(Elkem-Spigerverket a/s, Norway)

Heat capacity of indium from 300 to 1000 K. Enthalpy of fusion

FREDERIK GRØNVOLD

(Department of Chemistry, University of Oslo, Blindern, Oslo 3, Norway)

Calorimetric determination of ice formation in hardened cement paste

ERIK J. SELLEVOLD and CARL LE SAGE DE FONTENAY

(Laboratoriet for Bygnings-materialer, Danmarks tekniske Højskole, Denmark)

Uses of quantitative thermal analysis technique in plastics formulation analysis

BRUCKE CASSEL

(Perkin-Elmer Corp., Norwalk, Ct. 06856, USA)

A DSC study of thermally and uv-treated low-density polyethylene

LAILA KOSKI

(Technical Research Centre of Finland, Finland)

Ways to change the thermal stability of proteins, as judged by differential scanning calorimetry (DSC)

HARALD A. MARTENS
(Norwegian Food Research Inst., Norway)

Thermal decomposition in vacuum of SiP, GeAs and similar compounds

TOMMY WADSTEN
(Arrhenius Laboratory, University of Stockholm, Sweden)

DTA at controlled oxygen pressures for phase analysis of the Cs-V-O system

BERTIL FORSLUND
(Department of Inorganic Chemistry, Arrhenius Laboratory, University of Stockholm, Sweden)

Thermal microcracking in heterogeneous materials studied by dilatometry and thermosonimetry

JAN M. LINDEMANN* and KNUT LONVIK**
(*Laboratory of Silicate Science
**Dept. of Experimental Physics, Norway)

Application of DTA in cement chemistry: Hydration of $3 \text{ CaO} \cdot \text{SiO}_2$ and $3 \text{ CaO} \cdot \text{Al}_2\text{O}_3$ in presence of CaCl_2

AUD TRÆTTEBERG
(Cement and Concrete Research Institute, Norway)

DTA investigation of the system $\text{CuCl}_2\text{-KCl-LiCl}$

SUPREYA SUTAKSHUTO,* BIRGIT JENSSEN HOLM** and HARALD A. OYE**
(*The University of Trondheim, **The Norwegian Institute of Technology, Institute of Inorganic Chemistry, Norway)

The position of thermal analysis in Hungary

G. LIPTAY (invited lecturer)
(Institute of Inorganic Chemistry of the Technical University, Budapest, Hungary)

Thermogravimetric studies of non-stoichiometric cerium-oxides under isothermal and quasi-isothermal conditions

O. TOFT SØRENSEN
(Risø National Laboratory, Metallurgy Dept. Dk-400 Roskilde, Denmark)

The influence of gas velocity on weight recording in thermogravimetry

BENGT O HANLUND and TORSTEN LUKS
(Sandvik AB, Coromant Research Center, S-126 12 Stockholm 42, Sweden)

Pyrolysis gas chromatography — a technique for analysis of polymers

INGER ERICSSON
(Dept. of Analytical Chemistry, University of Lund, Sweden)

Materials testing by thermal analysis

M. G. LOFTHOUSE and P. BURROUGHS
(Du Pont (UK) Limited Instrument Products Division, U. K.)

Glass transition temperature of polymer materials measured by thermomechanical analysis. Influence of rate of heating and cooling

ANDERS SCHWARTZ
(National Defence Research Institute, Tumba, Sweden)

An apparatus for measurement of elastic and inelastic properties of solids

G. ARMBRUSTER and M. LINSEIS
(Linseis GmbH, FRG)

Simultaneous Tg-DTA-Mass-Spectrometry

E. KAISERSBERGER

(NetzschGerätebau GmbH, Selb/Bavaria, W. FRG)

Evaluation of kinetic parameters and simulation of industrial chemical reactions with heat-flow calorimetry

W. PERRON* and W. REGENASS**

(*Mettler instrumente AG, Greifensee, Switzerland)

(**Ciba-Geigy AG, Basle, Switzerland)

Laserdilatometer

M. LINSEIS

Phase-diagram analysis by thermosonimetry

(Linseis GmbH, FRG)

KNUT LØNVIK* and TERJE ØSTVOLD**

(*Fysisk institutt, NTH. Trondheim, Norway)

(**Institutt for uorganisk kjemi, NTH. Trondheim, Norway)