

The Department of Chemistry of the Friedrich-Schiller-University organized in cooperation with the group of Thermal Analysis of the Chemical Society of the GDR from November 14. till 18., 1988 at Meisdorf/Harz (G.D.R.) the

VI. AUTUMN SCHOOL QUANTITATIVE THERMAL ANALYSIS BY APPLICATION WITH COMPUTERS

These continued professional training found the interest of 65 scientists and engineers from universities, institutions of the Academy of Sciences of the GDR and different industrial laboratories. The following program was absolved:

- W. Eysel* (Heidelberg) — DSC study of phase transitions of single crystals.
- R. Nauman* (Freiberg) — Thermal investigations on large samples.
- H.-J. Flammersheim* (Jena) — Introduction in the computerized application—data recording and interpretation.
- J. Opfermann* (Jena) — Globale analysis of thermokinetic—a way to invariant kinetic parameters and a high distinction of the models.
- J. Lerchner* (Leipzig) — Actual problems of data recording and application under the aspects of information theory.
- V. Braun* (Greifswald) — Complex DTA-interpretation to the characterisation of the stability and purification of pharmaceuticals by using older DTA-constructions.
- W. Poessnecker* (Dresden) — To the reproduction of the baseline for quantitative DSC-measurements premissing a computerized analysis.
- F. Faber* (Magdeburg) — Computerized interpretation of thermogravimetric investigations.
- G. Braun* (Rossendorf) — Computerized interpretation of TG and DTA-curves by means of MPS 4944/KRS 4201.
- J. Behnisch* (Teltow) — MET—a program for recording, interpretation and graphic representation of thermoanalytic curves.
- K. Böhme* (Freiberg) — Interpretation of the results of the TA 1 with the HP 98450.
- E. Kaisersberger* (Selb) — Designation of specific heat from DSC-curves.

H. Otto (Magdeburg) — Computerized analysis of DSC-curves for the designation of glass temperatures of polymers.

Ch. Horte (Berlin) — A contribution to the thermal analysis of quantitative analysis of minerals of caoline and clays.

R. Müller (Berlin) — The influence of grain size to the kinetics of crystallization on surfaces.

G. Leitner (Dresden) — Investigation of changing in deflection of layer compounds in dependence of temperature.

E. Kaisersberger, J. Jung, W. Ludwig — Conference reports 1988: IX. ICTA—Jerusalem; Termanal 88—Tatranska Lomnica; GEFTA TA-Symposium—Regensburg.

Closing round table discussion to: Position and development of computerized thermal analysis.