

Coming Events

JOINT GERMAN – SCANDINAVIAN SYMPOSIUM ON THERMAL ANALYSIS AND SIXTEENTH CONFERENCE ON VACUUM MICROBALANCE TECHNIQUES

to be held at the University of Kiel from 6th – 9th September 1978 will be organized by the Gesellschaft für Thermische Analyse (GEFTA) and the Nordic Society for Thermal Analysis (NSTA)

Organizing Committee:

Professor Dr. H. J. SEIFERT (GEFTA)
Dr. O. TOFT Sørensen (NSTA)
Professor Dr. G. LAGALY (Univ. of Kiel, local arrangements).

Scientific programme:

By means of contributions from participants, and through plenary lectures, the Symposium is intended to provide a general report on the present state and current trends of development of thermal analysis and calorimetry, taken in a broad sense. The organizers welcome papers on theory as well as on experimental techniques and applications in all branches of science and technology. Contributions describing preliminary results of research in progress are also very acceptable. Contributions by participants from other countries will be welcomed.

The main conference language will be English, but German or any of the Scandinavian languages can also be accepted.

Exhibition

An exhibition will be arranged of apparatus for thermal analysis, calorimetry and related techniques. Any manufacturer intending to exhibit should contact the organizing committee for further information.

Registration:

If you intend to participate in the Symposium please write to Professor Seifert (German participants) or to Dr. O. Toft Sørensen (Scandinavian participants) as soon as possible.

Registration fee:

Participants 75 DM, accompanying non-participants
25 DM, students 25 DM.

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20TH PRAGUE MICROSYMPOSIUM ON MACROMOLECULES MICROCALORIMETRY OF MACROMOLECULES

to be held in Prague, July 16–19, 1979

Scope: The potentialities of microcalorimetric methods in the study of macromolecular systems with synthetic and natural macromolecules. Use of calorimetry for characterization and elucidation of structural, phase and chemical changes. Calorimetry as a source of values of the fundamental thermodynamic functions. Molecular and structural interpretation of calorimetric data on macromolecular systems and their models. Desiderata regarding methods and instrumentation and following from specific properties of macromolecular systems.

Topics: Three topics will be discussed.

1. Heat capacities of macromolecular substances in bulk and in solutions: Characterization of phase transitions (e.g. crystallization, glass transition etc.) and structure of amorphous and crystalline phases. Structures in solutions and their changes (e.g. intra- and intermolecular ordering, conformational transitions, dissociation of molecular complexes etc.).

2. Heat of physical and chemical changes (sorption, swelling, solution, polymerization, polyreactions etc.).

3. Calorimetric methods and instrumentation: "Quasistatic" vs. dynamic measurements and slowness of changes in macromolecular systems.

Sessions: About 8 invited lectures and 50 contributed papers are expected to be presented at the Microsymposium. Moreover, three round-table discussions on main fields of interest are foreseen.

Lectures: The following scientists have been invited to deliver a lecture — H. BAUR (Ludwigshafen/Rhein, F.R.G.), R. L. BILTONEN (Charlottesville, U.S.A.), J. E. DESNOYERS (Sherbrooke, Canada), F. E. KARASZ (Amherst, U.S.A.), D. PATTERSON (Montreal, Canada), P. L. PRIVALOV (Poustchino, U.S.R.), I. WADSÖ (Lund, Sweden), B. WUNDERLICH (Troy, U.S.A.).

For further information please connect:

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