

## PREFACE

The Symposium on Chemical Thermodynamics, Calorimetry and Thermal Analysis 1989 was organized and realized as a joint Annual Meeting of AFCAT (Association Française de Calorimétrie et d'Analyse Thermique), AICAT (Associazione Italiana di Calorimetria ed Analisi Termica), and STK (Schweizerische Gesellschaft für Thermoanalytik and Kalorimetrie). The Conference was held at the Congress-Center 'RhyPark', in Basel, Switzerland, September 10–14, 1989. It was planned, as a typical regional meeting, to take place in a year without any further International or European Symposia in these appropriate fields.

The local organizers gratefully acknowledge support by the following

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Dr. A. Reller, Universität Zürich, is thanked for his valuable contributions to the preparation and realization of the Scientific Program.

The conference was divided into four Sections:

- I     **Materials Science, New Materials and Polymers, including Inorganic Chemistry, Reactivity of Solids, Heterogeneous Catalysis**
- II    **Biothermodynamics**
- III   **Organic Chemistry, Chemistry in Solution**
- IV    **DSC-Instrumentation**

The rather wide scientific topics to be comprised within the framework of these Sections could evidently not be fully covered in this specific conference. However, the scientific committee was given a suitable vehicle to select and adapt presentations rather ideally within the given manifold program structure, including Award and Plenary Lectures, Key and Short Communications as well as Poster Presentations. Moreover, scheduled Round Table Discussions dedicated to each of the Sections took place. Their success was substantially promoted by thorough preparations previous to the Conference.

This Special Issue of the Journal of Thermal Analysis contains a relevant part of the scientific contributions of the Symposium in the order of the mentioned program structure. All the selected papers were submitted to a rigorous one or two step referee process, and a part of the manuscripts were carefully revised. Thus, the present issue may be regarded as representative for highly significant aspects of **Applied Chemical Thermodynamics**.

The Editors:

**E. Marti, Basel**

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