

FOREWORD

Following the recommendation made by the European Committee on Thermal Analysis and Calorimetry at Interlaken, the 4th European Symposium on Thermal Analysis and Calorimetry was held at the Friedrich Schiller University in Jena from 23rd to 28th August, 1987. This Symposium was sponsored and supported by the IUPAC and ICTA. Interested scientists were invited to Jena by a national organizing committee based on the Thermal Analysis and Calorimetry working groups of the Chemical Society of the GDR.

The scientific programme, with 17 plenary lectures, 250 poster contributions and two award lectures, with a cultural-historical lecture on one evening, was compiled with the cooperation of an International Advisory Board. It reflected modern developments in the science and practice of thermal analysis and calorimetry. The topics covered on this occasion were:

- Instrumentation of Thermal Analysis and Calorimetry
- Theory of Thermal Analysis and Calorimetry
- Inorganic Chemistry, Glass and Ceramics
- Pharmacy, Biology and Medicine
- Organic Chemistry and Polymers
- Earth Sciences and Raw Materials
- Solid-State Reactions

The plenary presentations and the poster contributions adequately demonstrated the complex relationships in these interdisciplinary fields in accordance with the various interests of the participants. The accompanying exhibition on the developments in equipment for thermal analysis and calorimetry found a very positive reception.

The smooth progress of the fourth ESTAC was mainly achieved through use of the conference rooms in the Central Building of the venerable University in Jena. The organization and management of the symposium were placed in the hands of numerous members of the staff of the Department of Chemistry fully supported by the Rector and Senate of University. The cultural-historical background of the University and the 750-year-old town of Jena, together with the classical sites of Weimar and Großkochberg, created a splendid atmosphere of a combination of history and scientific work, and greatly stimulated mutual understanding.

The people of Jena are proud of their connections with science and its application in practice, as illustrated by the merits of such personalities as Carl Zeiss, Otto Schott, Ernst Abbé and their colleagues. This was reflected in the scientific arrangements, the plenary lectures, and particularly the poster sessions. The "Concluding Remarks" at the closing session offered further discussions on the various problems, and was yet another highlight of the symposium.

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