

Coming Events

9TH EUROPEAN CONFERENCE ON THERMOPHYSICAL PROPERTIES

UMIST, Manchester, U. K., 17–21 September 1984

The ninth European Conference on Thermophysical Properties (9 ETCP) will be held at the University of Manchester Institute of Science and Technology (UMIST), Manchester, U. K., from 17–21 September 1984.

The advancement of technology in response to demand for improved performance, lower capital costs, new processes and greater thermal efficiency, means that thermophysical property data is now required to be more accurate and new data is required for advanced materials developed to serve in extreme conditions. The field of thermophysical properties is truly interdisciplinary and will contain subject matter not only of interest to physicists, but also to physical chemists, metallurgists, materials scientists, ceramists, geologists, metrologists, and engineers.

ETPV 9 will concentrate on the thermophysical properties of solids and fluids at elevated temperatures. Measured properties and techniques will include: emissivity, thermal expansion, thermal diffusivity and thermal conductivity, heat capacity, differential thermal analysis and heats of transition, heat transfer and thermal shock resistance.

Papers in the following subject areas will be particularly welcomed: thermometry, geological materials, composites, glasses, insulations, porous substances (especially containing moisture), relationship between microstructure and properties, standard reference materials, theory of thermophysical properties of solids and fluids.

Accurate knowledge of the thermophysical properties of materials is an essential factor in the design and efficient operation of industrial process plant and of a wide range of machinery. It is hoped to attract papers on industrial application and to promote contact between researchers and users of thermophysical property data.

The conference language will be English. Contributions in French, German and Russian will be simultaneously translated into English if necessary.

Contributors will be offered the option of presenting their paper as a poster, and subject to demand or need, a period may be set aside during the conference for a poster session.

International Organizing Committee

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Liaison Officers: *E. Fitzer* (Karlsruhe) IUPAC, *M. L. Minges* (Dayton) CODATA, *H. E. Schmidt* (Karlsruhe) CEC

For further information, and a copy of the Call for Papers, please write to the Meetings Officer:

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