

ANNOUNCEMENTS

**Ninth Symposium on Thermophysical Properties
Boulder, Colorado, U.S.A.
June 24–27, 1985**

The Ninth Symposium on Thermophysical Properties, organized by the Committee on Thermophysical Properties of the Heat Transfer Division of the American Society of Mechanical Engineers, will be concerned with theoretical, experimental, and applied aspects of thermophysical properties of matter in solid, liquid, and gaseous states. Some of the appropriate topics are:

- Thermodynamic properties, including heat capacity, enthalpy, thermal expansion, vapor pressure, surface tension, and other properties related to phase changes, PVT, and calorimetric studies.
- Transport properties, including thermal and electrical conductivity, thermal diffusivity, viscosity, and related properties.
- Thermal radiative properties, including emittance, absorptance, reflectance, and optical constants.
- New developments in experimental techniques.
- Reviews of current status of theory on thermophysical properties.
- Reports on reference materials and critical evaluation and standardization of techniques and procedures for thermophysical measurements.
- Reference data-correlation and evaluation techniques.

Papers are encouraged on: properties and behavior of solids and liquids near phase transitions including supercritical extraction; multiphase behavior, e.g., slurries, suspensions; experimental techniques and measurements at high

temperatures and pressures; nonequilibrium behavior of materials, including theory, experiment, non-Newtonian liquids, and nonequilibrium thermodynamics; partially characterized or ill-defined species, petroleum and coal liquids fraction, composites, polydisperse fluids; theory and properties of polar liquids, aqueous solutions; theory and properties of mixtures with very different components.

Abstracts will be due December 1, 1984. Papers from these abstracts will be reviewed and those accepted will be published in special issues of the *International Journal of Thermophysics*. A poster session will be considered.

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Science of Ceramics 13
Orléans, France
September 9–11, 1985

The conference will be largely open to original presentations in a wide range of fields in the science of ceramics. All the contributions will be presented in poster sessions and will cover the following topics:

- Material processing.
- Structures and phase relations.
- Sintering and microstructures.
- Reactivity in ceramic systems.
- Mechanical and thermal properties.
- Electrical, magnetic, and optical properties.

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IMPORTANT ANNOUNCEMENT

Because of the increasing flow of very good papers from research workers throughout the world, *International Journal of Thermophysics* will be expanding in 1985, becoming a bimonthly publication. The number of pages published in 1985 will be increased by 50%. Thus, Volume 6, 1985, will contain 6 issues; the subscription rate will be \$130.00 (outside the U.S., \$146.00).