

## **Announcements**

### **TEMPMEKO '96**

#### **6th International Symposium on Temperature and Thermal Measurements in Industry and Science**

*Torino, Italy*

*September 10–12, 1996*

This is the sixth in the series of well-established symposia promoted by IMEKO Technical Committee 12 (TC12) on temperature and thermal measurements. The Symposium is concerned with theoretical, experimental, and applied aspects of temperature and thermal measurements and represents the opportunity for people working in temperature and related fields to discuss and exchange opinions on the current status and the trends of research, development, and applications. Papers will be presented on the following topics.

- Fundamental Aspects and Standards (thermodynamic temperature determinations, temperature scales and fixed points, primary and transfer standards)
- Traceability and Dissemination (interlaboratory comparisons, calibration procedures and facilities)
- Methods and Sensors (thermoelectric and resistance thermometry, radiation thermometry, noise, acoustic and electronic thermometry, optical-fiber thermometry, dynamic temperature measurements, new temperature sensors)
- Applications (industrial applications and temperature control, applications in science, applications in special conditions)
- Thermal Measurements (heat flux measurements, thermophysical property measurements, humidity measurements)

The Symposium will be held during the week immediately before the 14th European Conference on Thermophysical Properties in Lyon, France (see the following announcement).

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### **14th European Conference on Thermophysical Properties**

*Villeurbanne (Lyon), France*

*September 16–19, 1996*

The 14th European Conference on Thermophysical Properties, will bring together scientists and engineers in the fields of materials science and technology, involving both solids and fluids.

The properties of interest include thermal conductivity, diffusivity and effusivity, specific heat, latent heat, diffusion coefficient, optical and radiative properties, thermal expansion, permeability, porosity, sound velocity, electrical properties, fluid thermodynamic properties, solubility, phase equilibrium, surface tension, viscosity, temperature and heat flux measurement, inverse methods, nano- to macro-scale phenomena, new data reduction techniques, standard reference data, predictive models, and data banks.

Materials of interest include metals, alloys, ceramics, polymers, composite materials, superconductors, insulation materials, coatings and films, interfaces and surfaces, glasses, inorganic and organic liquids, gases, plasma, emulsions and liquid-gas foams, fluid mixtures, layered fluids, foods, and biological and agricultural materials.

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