



SOCIÉTÉ FRANÇAISE DES THERMICIENS

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NEWS / ACTUALITÉS

CONGRESSES/CONGRÈS

ILASS'99

15TH ANNUAL CONFERENCE ON LIQUID ATOMIZATION AND SPRAY SYSTEMS

5th-7th July 1999
Toulouse, France

Topics covered by the Conference

Fluid mechanics of the disintegration of liquids and the formation of sprays:

- instrumentation related to sprays for drop size, drop velocity and impact, DRP concentration, patterning, film thickness, vapour concentration etc.;
- modelling of flow phenomena inside and outside of atomisers including CFD;
- design, operation and performance of liquid atomizers and spray systems;
- transfer processes in which liquid sprays are used such as in spray reactors, sprays driers, humidifiers, spray coating, spray combustion, fire fighting sprays, agriculture applications, pressure pack sprays for domestic or medical use, atomisation for metal powders and spray forming.

Special Topic Sessions

Special topic session will be held during the conference in order to focus on areas of particular interest for industry. Such topics include:

- fundamental of atomization;
- cryogenic droplet and sprays;
- spray impact on wall and film;
- spray modelling;
- gas turbine application;
- diesel injection;
- agricultural applications;
- pressure swirl atomizer.

Final selection will be included in the program and registration announcement.

Contact

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Enquiries regarding the scientific meeting

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ICET'99

FIRST INTERNATIONAL CONFERENCE ON ENGINEERING THERMOPHYSICS

18-21 August 1999
Beijing, China

On the eve of the 21st century, energy and environment are becoming the major theme of the sustainable development of economics. Engineering Thermophysics plays an essential function on efficient energy utilization and environmental protection. This meeting will offer an opportunity and platform for scientists and engineers working in the area of energy utilization and other fields related to Engineering Thermophysics to exchange information, views and ideas on this topic and discuss issues about the international cooperation in this area in next century.

The scope of the conference covers a wide spectrum of topics in different branches of engineering thermophysics, from fundamental, numerical, experimental to applications. It mainly includes:

- advanced thermodynamic cycles and new energy systems;
- aerothermodynamics in turbomachinery and other international flow devices;
- heat and mass transfer and heat exchangers;
- combustion;
- multiphase flow problems;
- thermophysics measurements.

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