



**21st International Symposium on Transport Phenomena
November 2 – 5, 2010, Kaohsiung City, Taiwan**

www.istp-21.org

Call for Paper

Invited Session on Numerical Simulation of Complex Flows

Session Organizer: Prof. Frédéric Péneau

We are organizing an invited session on **Numerical Simulation of Complex Flows** for ISTP-21, which will be held in **Kaohsiung City, Taiwan on November 2-5, 2010**. This session deals with transport phenomena for thermal fluids, renewable energy technologies and other new applications. Topics of interest include, but are not limited to:

1. LES of compressible flows
2. Prediction of transition to turbulence
3. New trends in LES and VLES
4. Simulation of binary flows at low and high Mach numbers
5. Simulation of buoyancy and gravity effects on binary flows
6. Heat and Mass transfer simulation in a complex geometry
7. Simulation of impact of jets

Submissions:

Papers are invited from prospective authors with interest on the related areas. Each paper should follow the ISTP-21 format with title, author's names, affiliation, email addresses, an up to 400-words abstract, and a two-column body with 8 single-spaced pages and with font size at 10 pts. All papers must be submitted electronically in PDF format only and be mailed to: Prof. Frédéric Péneau at frederic.peneau@cote-azur.cci.fr or f.peneau@skema.edu

Important Dates:

Deadline for paper submission: **July 1st, 2010**

Notification of acceptance: **August 1st, 2010**

Deadline for camera-ready manuscript submission: **September 1st, 2010**

For more information please contact:

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