



The 10th Pacific Symposium on Flow Visualization and Image Processing

Call for Papers

The objective of this Symposium is to provide an opportunity to world-wide researchers and engineers, in all areas of flow visualization, image processing and related techniques to exchange knowledge and new experience in the spirit of collaboration and friendship under the auspices of the Pacific Center of Thermal-Fluids Engineering (PCTFE).

Following the Symposiums in Honolulu (1997 and 1999), Maui (2001), Chamonix (2003), Daydream Island (2005), Honolulu (2007), Kaohsiung (2009), Moscow (2011) and Busan (2013), the 10th Pacific Symposium on Flow Visualization and Image Processing PSVIP-10, will take place on June 15-18th, 2015 at the University of Naples Federico II, Naples Italy.

PSFVIP-10 will cover, but will not be limited to, the following topics:

Flow field and surface flow visualization: Classical and advanced optical methods (Schlieren, Shadowgraph, Interferometry, Holography, Holographic Interferometry, Speckle, Background oriented schlieren), Laser based methods (PIV/PTV, LIF, LDV), Absorption/Emission recording, Spectroscopy, Laser sheet imaging (Smoke and Particle visualization), Electronic Sparks and Discharges, IR thermography, Liquid crystals, Pressure and Temperature sensitive paints, Tufts, Digital data Acquisition and Processing (Image processing, Wavelet image analysis, Image-assisted methods), Numerical flow visualization (CFD), Tomographic reconstruction, Inverse problems in image analysis.

Fluid Flows: Subsonic/Supersonic/Hypersonic, Steady and Unsteady, Laminar and Turbulent, Physiological/Biological, Multiphase, Heat Transfer, Combustion, Non-Newtonian fluids, Jet, Swirling, Turbo-machinery, Environmental, Reacting, Micro/Nano, Fluidics and others.

Important Dates:	Abstract Submission Deadline:	December 15, 2014
	Acceptance Notification:	January 31, 2015
	Paper Submission Deadline:	April 30, 2015
	Main Conference:	June 15 – 18, 2015

Abstract and Paper Submission

The participants are invited to submit to the PSFVIP-10 Secretariat by December 15th, 2014 an extended abstract of 500 words, either for oral or poster presentation. Following acceptance notification, camera ready, full paper of 6-10 pages including color figures should be submitted to the PSFVIP-10 Secretariat by April 30th, 2015. All submissions for oral or poster presentation will be handled electronically via the conference website www.psfvip10.unina.it.

Web-Based Proceedings

Papers will be published online and will be indexed in Google Scholar. A USB flash drive with all the papers will be also distributed to conference participants

Hosted by:

Dep. of Industrial Engineering
University of Naples Federico II

Supported by:



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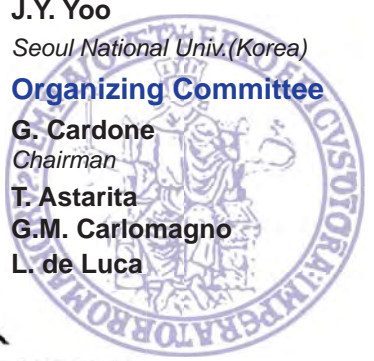
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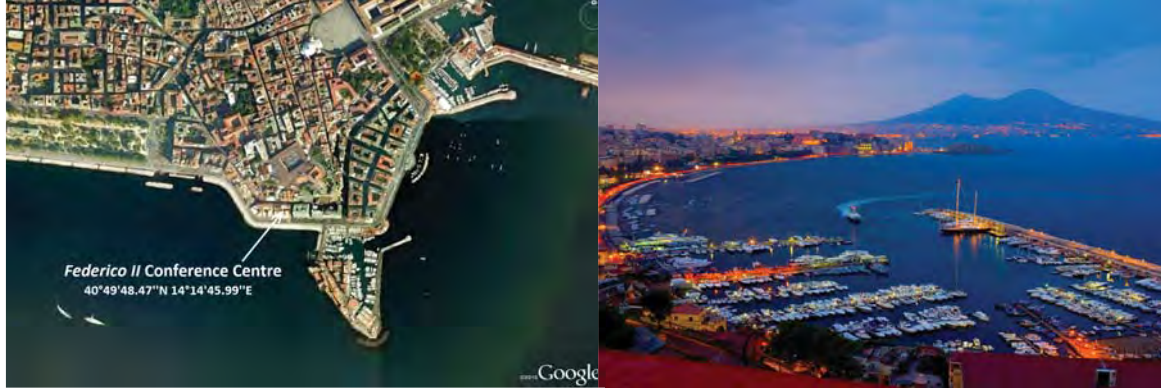
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Venue

PSFVIP-10 will be held at the University of Naples Conference Centre, which is superbly located on Naples waterfront, unique for its focus on creative, cultural, entertainment and leisure activities. Naples offers an ideal base for international visitors hoping to experience Campania's iconic attractions: Capri and Ischia islands, Herculaneum, Pompeii, Positano, Sorrento, Ravello, are all accessible within an hour.



Short Course, Technical Visit and Pre/Post Tours

In addition to the main technical program, the conference will include:

TOMO PIV Short Course

One day course on TOMO PIV is directed to engineers, scientists and students, who have already a basic knowledge of the PIV technique and have just started or plan in near future to utilize TOMO-PIV for their special industrial or scientific applications. Detail course program and Lectures will be available soon on PSFVIP website.

The tuition fee is 300 €.

Technical Visit to CIRA wind tunnels

On Friday June 19 it is scheduled a technical tour of CIRA's SCIROCCO hypersonic plasma wind tunnel and Icing Wind Tunnel (IWT). SCIROCCO is one of the few facilities in the world able to perform thermo-structural testing on large-size or real-scale 1:1 models. The IWT is the world's largest and most advanced facility that allows performing both aerodynamic and ice-type testing.

Pre-Post Tours

Tours details and cost will be available on PSFVIP website.

Students Awards

The 10th PSFVIP organizing committee strived to stimulate young researchers by awarding the best three conference contributions presented and authored only by students.

Conference Fees

Regular participants

- Early bird rate (deadline: April 30th 2015): 550 €
- Late rate (deadline: May 31th 2015): 650 €
- Desk registration rate: 740 €

Students

- Early bird rate (deadline: April 30th 2015): 350 €
- Late rate (deadline: May 31th 2015): 420 €

Fee covers: Conference USB Proceedings, Welcome reception, Conference dinner, lunches and coffee breaks. Accommodation is not included.

Accompanying persons

- Rate (deadline: May 31th 2015): 150 €

This amount includes the Welcome reception and Conference dinner and a half day guided walking tour of Naples historical city centre.



PSFVIP-10