



# FLUCOME 2019

May 27-30, Naples, Italy



The 15<sup>th</sup> International Conference on

# Fluid Control, Measurements and Visualization

## Call for Papers

The objective of this Conference is to provide an opportunity, to world-wide researches and engineers, in all areas of Fluid Control, Measurements and Visualization to share, discuss and evaluate the latest developments and applications.

**FLUCOME 2019 will cover, but will not be restricted to, the following themes:**

### Theme A: FLUID/FLOW CONTROL

Active flow control techniques, MHD and EHD, Environmental pollution control, Aerodynamics, Jets, Microfluidics, Aeroacoustics, Combustion and detonation, Wind engineering, Flow in microdevices, Hydrodynamics and pneumatics, Coastal and offshore structures, Heat Transfer enhancement.

### Theme B: FLUID/FLOW MEASUREMENTS AND VISUALIZATION

Laminar/Turbulent flows, Multiphase flows, Heat and mass transfer, Shock-dominated flows, Biological flows, Acoustic, Electromagnetic flows, Granular flows, Fluid/structure interactions, Aero-optics, Geophysical and Environmental flows, Renewable energy and testing, 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, IR thermography, Liquid crystals, Pressure and Temperature sensitive paints, Tufts, Image processing, Wavelet image analysis, Numerical flow visualization, Visualization of scientific arts, Fractals, Astrophysics.

<b>Important Dates:</b>	<b>Abstract Submission Deadline:</b>	<b>December 15, 2018</b>
	<b>Acceptance Notification:</b>	<b>January 31, 2019</b>
	<b>Paper Submission Deadline:</b>	<b>April 30, 2019</b>
	<b>Main Conference:</b>	<b>May 27–30, 2019</b>

## Abstract and Paper Submission

The participants are invited to submit to the FLUCOME 2019 Secretariat by December 15th, 2018 an abstract of about 500 words, for either oral or poster presentation of their contributions. Following acceptance notification, an extended abstract (two pages) or full-length paper, should be submitted to the FLUCOME 2019 Secretariat by April 30th, 2019. The conference proceedings will contain either peer-reviewed extended abstracts or papers, and will be published online and indexed in Google Scholar. After the conference, authors can submit their full conference papers to journals of their choice (Creative Commons Copyright). All submissions for oral or poster presentation will be electronically handled via the conference website [flucome2019.unina.it](http://flucome2019.unina.it)

### Honorary Committee

**Giovanni M. Carlomagno**  
University of Naples Federico II, Italy

**Qing-Ding Wei**  
Peking University, China

**Sergey B. Leonov**  
University of Notre Dame, USA

**Jiahn-Horng Chen**  
Taiwan Ocean University, Taiwan

**Toshiharu Kagawa**  
Tokyo Institute of Technology, Japan

**Yousef Haik**  
Hamad Ben Khalifa University, Qatar

**Thomas Corke**  
University of Notre Dame, USA

### Organizing Committee

**Gennaro Cardone**  
*Chairman*

**Tommaso Astarita**

**Giovanni M. Carlomagno**

**Carlo S. Greco**

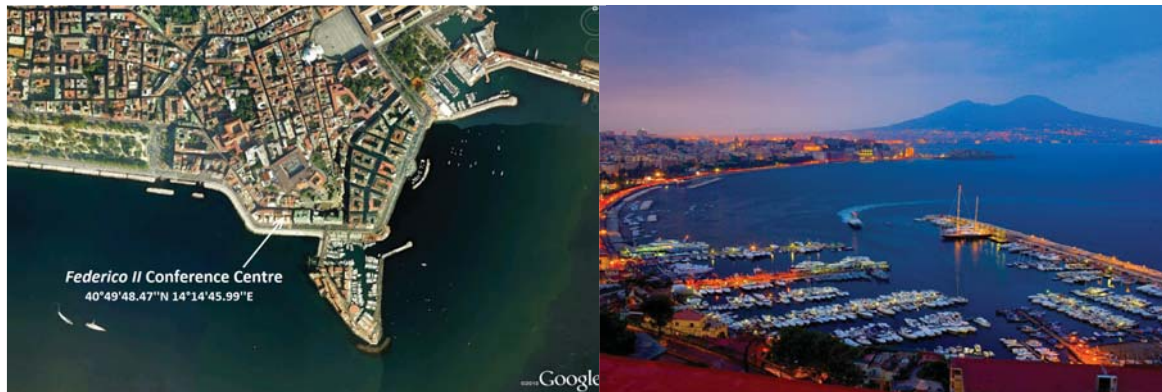
**Luigi de Luca**

**Renato Tognaccini**



## Venue

FLUCOME 2019 will be held at the University of Naples *Federico II* Conference Centre, which is superbly located on Naples waterfront, unique for its focus on creative, cultural, entertainment and leisure activities.



The artistic treasure of Naples to visit are too many to count: the historical centre, a patrimony under the tutelage of UNESCO, the palaces, churches, catacombs and underground passageways, the Archaeological Museum, the places of medieval and renaissance power amassed around the Castel Nuovo and Royal Palace, the unforgettable waterfront from Castel dell'Ovo to Posillipo.

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.

## Pre-Post Tours

Tours details and cost will be available on the FLUCOME 2019 website.

## Students Awards

The FLUCOME organizing committee strived to stimulate young researchers by awarding the best three conference contributions presented by Master and PhD students.

Students are strongly invited to submit their abstract and indicate, in the section Comments for Conference Director of the web submission procedure, the request to participate to the "Student Award".

## Conference Fees

### Regular participants

- Early bird rate (deadline: March 31th 2019): 550 €
- Regular rate (deadline: May 20th 2019): 650 €
- Desk/Late registration rate: 750 €

### Students

- Early bird rate (deadline: March 31th 2019): 350 €
- Regular rate (deadline: May 20th 2019): 450 €

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

### Accompanying persons

- Rate: 150 €

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



# FLUCOME