

 **11-15 MAY 2026**  
Sperlonga, LT

# IV BILATERAL WORKSHOP

**SMART-TURB SMART-HEART**

**Organizers:** Luca Biferale & Liù Maria Catena



The idea of the Workshop is to have 5 days of discussions about the themes of interests of the Smart-TURB & Smart-HEART projects. Round tables and brainstorming sections about data assimilation for geophysical and bio-medical complex flows, Lagrangian control of single and multi-agent systems, with applications to odor searches emitted from point and distributed sources. Problems connected to micro and nano-fluidics applications, relativistic fluid dynamics and statistics will also be discussed, as well as synergies with the Aqivate project.

Participation is upon invitation only.

## INVITED PARTICIPANTS:

Elisa Bellantoni (Cyprus Institute, Cyp & UTOV, Ita, & Paris Telecom, Fra)  
Luca Biferale (UTOV Rome, Ita)  
Fabio Bonaccorso (UTOV Rome, Ita)  
Michele Buzzicotti (UTOV Rome, Ita)  
Chiara Calascibetta (UniCA Nice, Fra)  
Maurizio Carbone (UTOV Rome, Ita)  
Massimo Cencini (CNR-ISC Rome, Ita)  
Giulio Cimini (UTOV Rome, Ita)  
Niccolo Cocciaglia (UTOV Rome, Ita)  
Elettra Consolini (UTOV Rome, Ita)  
Fabio Guglietta (INAIL-DIMEILA, Rome, Ita)  
Giacomo Falcucci (UTOV Rome, Ita)  
Francesco Fossella (Paris Telecom, Fra & UTOV, Ita)

Andre Freitas (UTOV Rome, Ita & Paris Telecom, Fra)  
Alessandra Lanotte (CNR Nanotec Lecce, Ita)  
Tianyi Li (UTOV Rome, Ita)  
Yizhi Pang (UTOV Rome, Ita)  
Francesca Pelusi (INAIL-DIMEILA, Rome, Ita)  
Lorenzo Piro (INAIL-DITSPIA, Rome, Ita)  
Mauro Sbragaglia (UTOV Rome, Ita)  
Andrea Scagliarini (CNR-IAC Rome, Ita)  
Martino Scarpolini (GSSI L'Aquila, Ita)  
Victor Valadao (UTOV Rome, Ita)  
Francesco Viola (GSSI L'Aquila, Ita)



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