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ICHD 2024

15th
International
Conference of
Hydrodynamics



Hosting Institutes
CNR-INM
Roma Tre University

Rome
2-6
September 2024

Conference Chair

Dr. Claudio Lugni
(CNR-INM)

Dr. Jacopo Serafini
(Roma Tre University)

Local Organizing Committee

Prof.ssa Claudia Adduce

Dr. Andrea Bardazzi

Prof. Giorgio Bellotti

Dr. Riccardo Broglia

Prof. Roberto Camussi

Dr. Daniele Dessi

Dr. Massimo Falchi

Prof. Leopoldo Franco

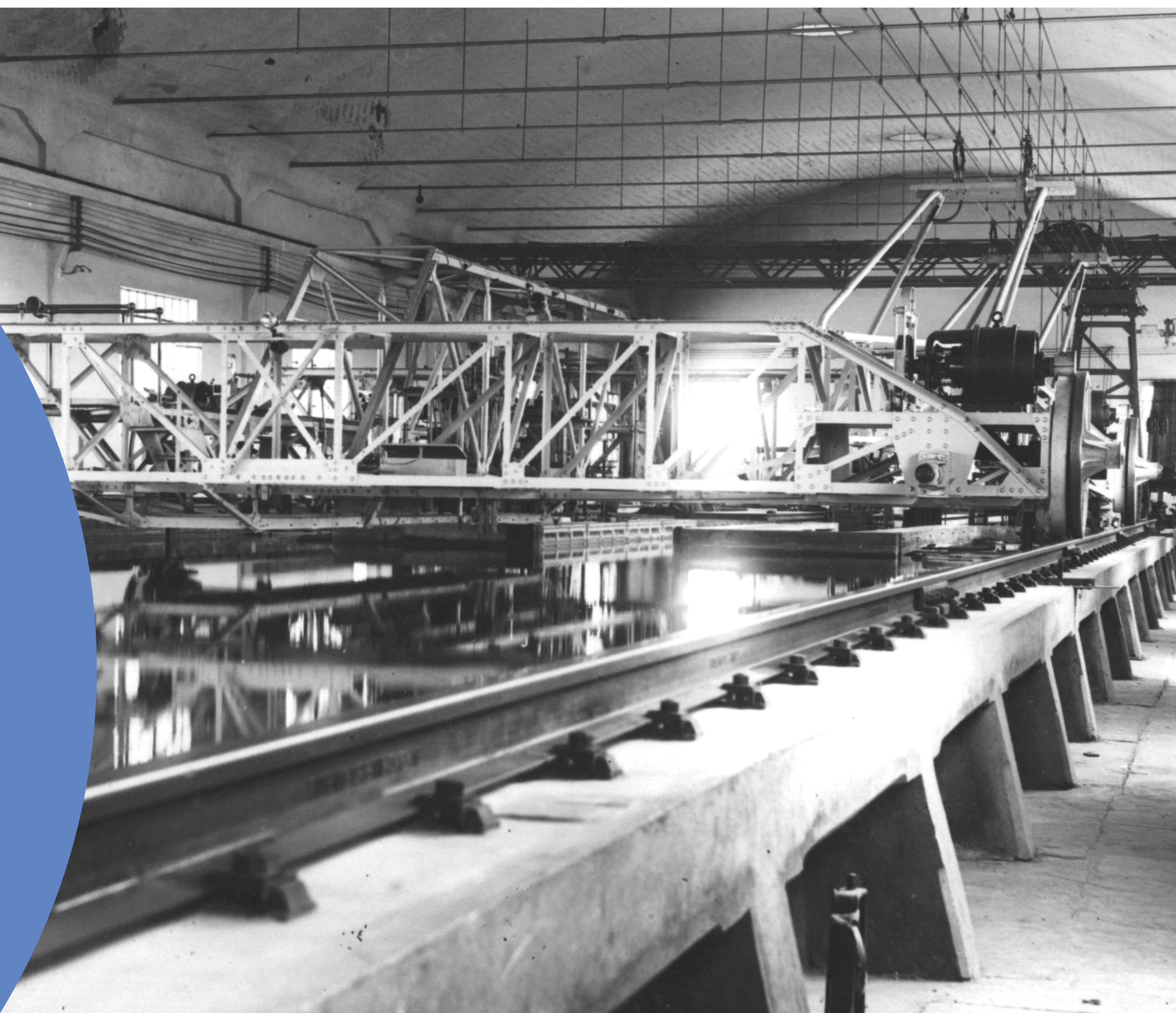
Prof. Michele La Rocca

Dr. Alessia Lucarelli

Dr. Chiara Pilloton

Dr. Claudio Testa

Prof. Antonio Zarlenga



Istituto di Ingegneria del Mare



The 15th ICHD represents a unique arena for the cooperation between traditionally different but scientifically similar engineering fields. This cross-fertilization of research areas will encourage the cooperation among scientists from different nations and disciplines.

Objective of the Conference

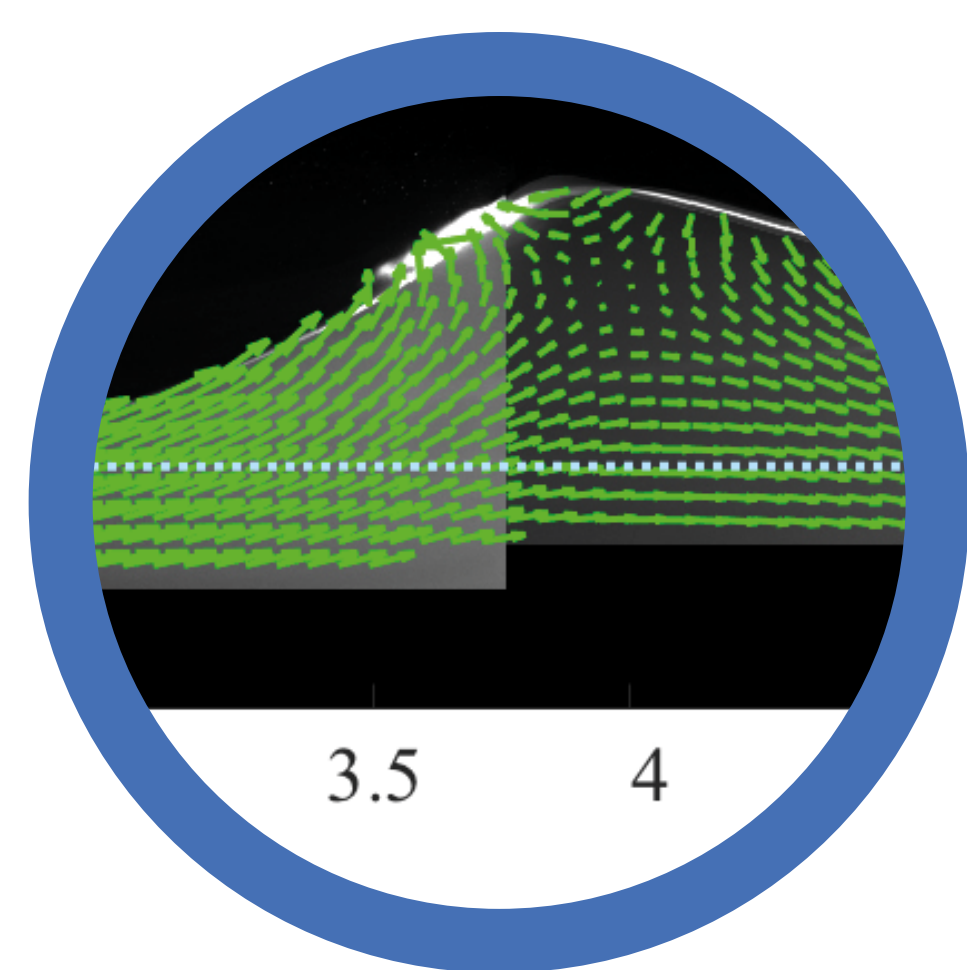
The topics widely range over several areas of theoretical and applied hydrodynamics, but are not limited to them:



- Fluid-structural interactions and hydroelasticity
- Hydroacoustics
- Hydraulic engineering



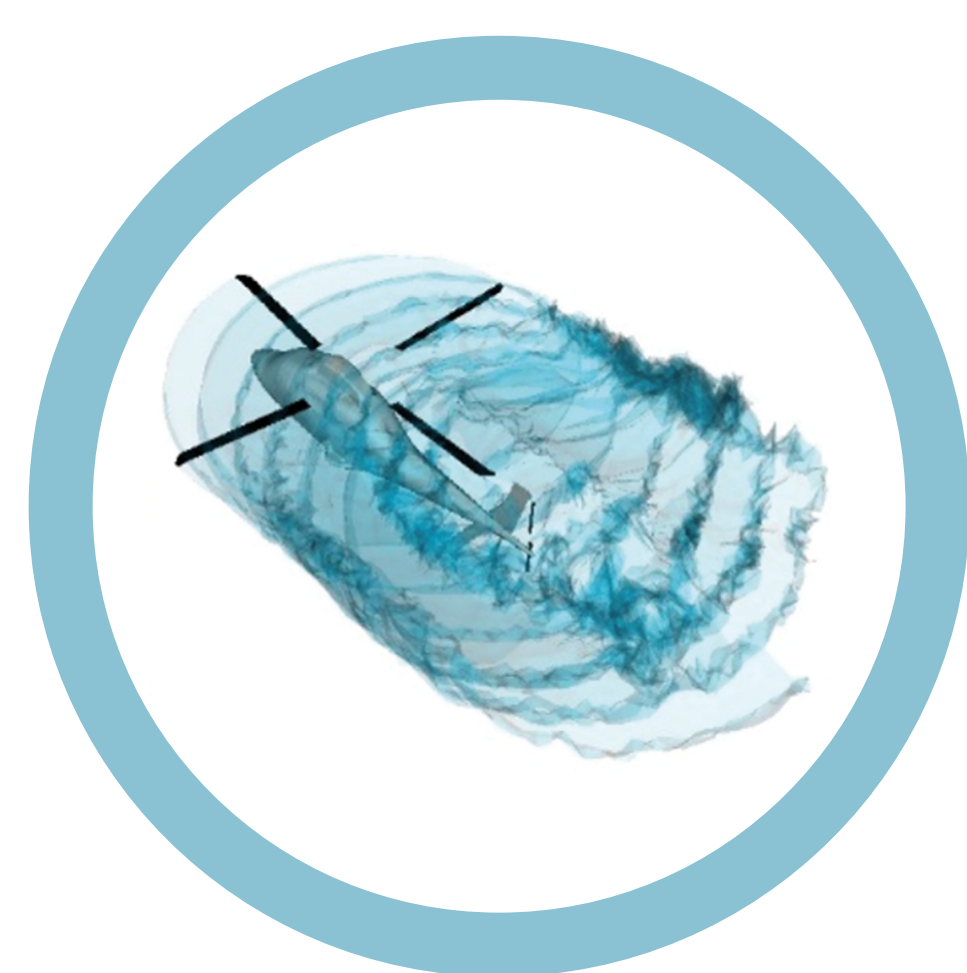
- Experimental Fluid Dynamics (EFD)
- Aquaculture



- Advanced experimental techniques
- Ocean and atmosphere dynamics



- Theoretical hydrodynamics
- Cavitation and cavity flow



- Computational fluid dynamics (CFD)
- Bio-inspired marine vehicle



- Ocean and coastal engineering
- Marine Renewable Energy