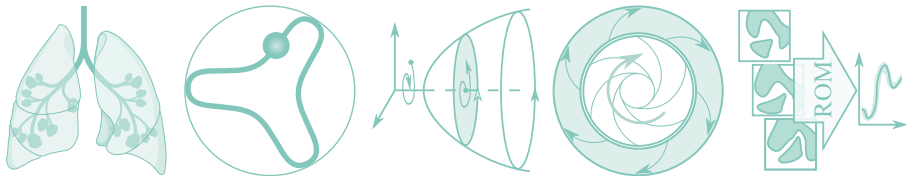


LIST OF INVITED TALKS

Francesco Romano

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Updated to November 3, 2022

BIOLOGICAL FLOWS

- B1 F. Romanò, *Liquid plug formation in an airway closure model*, Institute of Science and Technology, Vienna, Austria, September 2018.
- B2 F. Romanò, *Airway closure in microscopic bronchioles* (talk held within the framework of the course BIOMEDE 476 001 WN 2019), University of Michigan, Ann Arbor, USA, April 2019.
- B3 F. Romanò, *Peristaltic flow in the lymphatic system*, Technische Universität Wien, Vienna, Austria, June 2019.
- B4 F. Romanò, *Peristaltic flow in the lymphatic system*, Institute of Science and Technology, Vienna, Austria, June 2019.
- B5 F. Romanò, *Effect of viscoelasticity and surfactant in an airway closure model*, University of Lille, Lille, France, May 2020.
- B6 F. Romanò, *Airway closure: the effects of surfactant, viscoelasticity, elastoviscoplasticity and two-layer lining*, University of Udine, Udine, Italy, November 2021.
- B7 F. Romanò, *Airway closure: the effect of surfactant, viscoelasticity, elastoviscoplasticity and two-layer lining*, **Keynote speaker**, Mathematics and Physics of Fluids 2021, IIT Gandhinagar, India, November 2021.



BIOLOGICAL FLOWS

- B8 F. Romanò, *The Fluid Mechanics of Lung Clogs in the Bronchioles*, Institute of Science and Technology, Vienna, Austria, November 2021.
- B9 F. Romanò, *The Fluid Mechanics of Lung Clogs in the Bronchioles*, VirginiaTech, Roanoke, Virginia, USA, November 2021.
- B10 F. Romanò, *The Fluid Mechanics of Airway Closure in the Bronchioles*, LMFL Fluid Mechanics Webinar, LMFL, Lille, France, February 2022.



LAGRANGIAN CHAOS AND PARTICLES

- P1 F. Romanò, *Particle accumulation structures in thermocapillary liquid bridges*, Tokyo University of Science, Tokyo, Japan, March 2016.
- P2 F. Romanò, *A universal mechanism for rapid particle accumulation in fluids*, PPrime, Poitiers, France, November 2017.
- P3 F. Romanò, *Lagrangian chaos: mixing and coherent structures*, Institute of Science and Technology, Vienna, Austria, January 2018.
- P4 F. Romanò, *Particle coherent structures in incompressible fluid flows*, Technische Universität München, Munich, Germany, June 2019.
- P5 F. Romanò, *Finite-Size Lagrangian coherent structures*, University of Lille, Lille, France, September 2019.
- P6 F. Romanò, *Flow Mixing and Particle Transport in Cavities*, **Keynote speaker**, 5th Jin Shan International Symposium on Fluids Machinery and Engineering, Zhenjiang, China, November 2020.
- P7 F. Romanò, *Reconstructing the fluid flow by tracking of large particles*, **Invited symposium speaker**, 1st BICTAM-CISM Symposium on Dispersed Multiphase Flows, Beijing, China, March 2021.



LAGRANGIAN CHAOS AND PARTICLES

P8 F. Romanò, *Mixing and Accumulation of Particles in Cavities at Low and Moderate Reynolds Numbers*, LTEN, Polytech Nantes, Nantes, France, April 2022.



TURBOMACHINERY AND FLOW CONTROL

T1 F. Romanò, *Rotating instabilities in a centrifugal pump*, Lille
Turbulence Program, LMFL, Lille, France, July 2022.

