

simeon djambov

phone: +41-21-693-64-57
e-mail: simeon.djambov@epfl.ch

website: sdjambov.github.io

education

❖ **ph.d. in mechanics** 2021–2025
Laboratory of Fluid Mechanics and Instabilities, EPFL Lausanne, SWITZERLAND

- thesis title: “Gravity-driven thin films: flow and dissolution;”
- thesis director: Prof. François Gallaire;
- doc.mobility: “Condensation on Soluble Substrates: a Path to Impact-less Linear Karren Formation” (MSC, S. Courrech du Pont, Feb–Aug 2024);
- doctoral courses: ME-716 Similarity and transport phenomena in fluids (C. Ancey);
ENV-614 Fourier analysis and boundary-value problems (A. Rinaldo);
- summer schools: Interfreeze (Cargèse, Corsica, FRANCE, May 2023);
Fluid Flow and Phase Change of a Solid (Udine, ITALY, Jul 2022);
- teaching assistant: ME-444 Hydrodynamics (F. Gallaire, 2023, 2025);
ME-466 Instability (F. Gallaire, 2023, 2024);
ME-446 Two-Phase Flows and Heat Transfer (F. Gallaire, 2022);
PHYS-106(d) Thermodynamics (S. Bréchet, 2022);
PHYS-101(d) Mechanics (P. Müllhaupt, 2021);
- student supervisor: 1 semester project (master’s student from EPFL, 2024);
1 master’s thesis (student from Ecole Polytechnique, 2023);

❖ **m.sc. in physics** 2019–2021
Université Côte d’Azur Nice, FRANCE

- research: “Fingering Instability on a Sphere” (F. Gallaire, Feb–Jul 2021);
“Impact-induced Cavitation” (C. Raufaste, F. Celestini, Apr–Jul 2020);

❖ **b.sc. in physics** 2016–2019
Université de Bordeaux Bordeaux, FRANCE

- research: “Electric Double-layer Dynamics” (A. Würger, May–Jun 2019);
“Turbulent Friction in 2D Rough-Walled Flows” (H. Kellay, May 2018–Apr 2019);
“Femtosecond Laser Spectroscopy” (J. Degert, May–Jun 2017);

❖ **highschool diploma** 2011–2016
French language Highschool “Alphonse de Lamartine” Sofia, BULGARIA

languages

bulgarian (native); french (fluent); english (proficient); german (elementary proficiency);

interests

piano (ABRSM, Grade 8), choir (CHUL), F. M. Dostoevsky, pétanque, sudoku, sailing, swimming;