

simeon djambov

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experience

- ❖ **postdoctoral researcher** 2026–
Laboratoire d'Hydrodynamique de l'Ecole Polytechnique (LadHyX) Palaiseau, FRANCE
 - advisor: Etienne Jambon-Puillet;

- ❖ **doctoral assistant** 2021–2025
Laboratory of Fluid Mechanics and Instabilities, EPFL Lausanne, SWITZERLAND
 - thesis title: “Gravity-driven thin films: flow and dissolution;”
 - advisor: François Gallaire;
 - teaching: 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);
 - doc.mobility: “Condensation on soluble substrates: a path to impact-less linear karren formation” (S. Courrech du Pont, project funding amounting to nearly CHF 20'000, Feb–Aug 2024);

- ❖ **research intern** 2017–2021
 - “Fingering Instability on a Sphere” (F. Gallaire, theory/numerics, Feb–Jul 2021);
 - “Impact-induced Cavitation” (C. Raufaste & F. Celestini, experiments/theory, Apr–Jul 2020);
 - “Electric Double-layer Dynamics” (A. Würger, theory, May–Jun 2019);
 - “Turbulent Friction in 2D Rough-Walled Flows” (H. Kellay, experiments, May 2018–Apr 2019);
 - “Femtosecond Laser Spectroscopy” (J. Degert, experiments, May–Jun 2017);

education

- ❖ **ph.d. in mechanics** 2021–2025
EPFL Lausanne, SWITZERLAND

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

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

- ❖ **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;