

# simeon djambov

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## experience

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### ❖ postdoctoral researcher

*Laboratoire d'Hydrodynamique de l'Ecole Polytechnique (LadHyX)*

2026–

Palaiseau, FRANCE

- advisor: Etienne Jambon-Puillet;

### ❖ doctoral assistant

*Laboratory of Fluid Mechanics and Instabilities, EPFL*

2021–2025

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 karen 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

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### ❖ ph.d. in mechanics

*EPFL*

2021–2025

Lausanne, SWITZERLAND

### ❖ m.sc. in physics

*Université Côte d'Azur*

2019–2021

Nice, FRANCE

### ❖ b.sc. in physics

*Université de Bordeaux*

2016–2019

Bordeaux, FRANCE

### ❖ highschool diploma

*French language Highschool “Alphonse de Lamartine”*

2011–2016

Sofia, BULGARIA

## languages

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

## interests

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