

# simeon djambov

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born: 1998 in Sofia,  
BULGARIA  
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## education

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### ❖ ph.d. in mechanics

*Laboratory of Fluid Mechanics and Instabilities, EPFL*

2021–

Lausanne, SWITZERLAND

- Provisional thesis title: “Thin Film Instabilities and Morphogenesis: from Parallel to Non-Parallel Flows”;
- Doctoral supervisor: 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);
- 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: “Rayleigh–Taylor Instability of a Condensing Film on the Under-side of an Inclined Surface” (Semester, EPFL, 2024);  
“Dissolution Fingerprint left by the Spreading of a Drop on an Inclined Soluble Substrate” (Master, Ecole Polytechnique, 2023);

### ❖ m.sc. in physics

*Université Côte d’Azur*

2019–2021

Nice, FRANCE

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

### ❖ b.sc. in physics

*Université de Bordeaux*

2016–2019

Bordeaux, FRANCE

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

## 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, volleyball;