

Simeon DJAMBOV

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Born: 1998 in Sofia, BULGARIA

Education

❖ Ph.D. in Mechanics

2021–

Laboratory of Fluid Mechanics and Instabilities, EPFL

Lausanne, SWITZERLAND

- Provisional thesis title: “Thin Film Instabilities and Morphogenesis: from Parallel to Non-parallel Flows”;
- Supervisor: Prof. François Gallaire;
- Doc.Mobility: “Condensation on Soluble Substrates: a Path to Impact-less Linear Karren Formation” (MSC, S. Courrech du Pont, February–July 2024);
- Summer schools: “Interfreeze” (Cargèse, Corsica, FRANCE, May 2023);
“Fluid Flow and Phase Change of a Solid” (Udine, ITALY, July 2022);
- Teaching assistant: ME-466 Instability (F. Gallaire, 2023);
ME-444 Hydrodynamics (F. Gallaire, 2023);
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: “Dissolution Fingerprint left by the Spreading of a Drop on an Inclined Soluble Substrate” (Master, Ecole Polytechnique, 2023);

❖ M.Sc. in Physics

2019–2021

Université Côte d’Azur

Nice, FRANCE

- Research internships: “Fingering Instability on a Sphere” (LFMI, F. Gallaire, February–July 2021);
“Impact-induced Cavitation” (INPHYNI, C. Raufaste and F. Celestini, April–July 2020);

❖ B.Sc. in Physics

2016–2019

Université de Bordeaux

Bordeaux, FRANCE

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

Languages

Bulgarian (native); French (fluent); English (proficient); German (elementary proficiency);

Interests

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