

EDUCATION	Department of Physics, University of Surrey	Guildford, United Kingdom
	<i>Integrated Masters in Physics with Nuclear Astrophysics</i>	2023
	<ul style="list-style-type: none"> • Masters Project: An N-body, hydrodynamical reconstruction of the last Major Merger of the Milky Way. • Research area: Milky Way accretion history, Galactic hydrodynamics • Supervisors: Dr. Michelle Collins (UoS), Dr. Sergey Khoperskov (AIP) 	
	St-George's International School	Clarens, Switzerland
	<i>International Baccalaureate</i>	2019
	<ul style="list-style-type: none"> • HL: Physics (7), English Language & Literature (7), Chemistry (6) • SL: Mathematics (7), German B (7), History (5) • Core: ToK (B), Extended Essay (C) • Total points: 41 	
	St-George's International School	Clarens, Switzerland
	<i>International GCSEs</i>	2017
	<ul style="list-style-type: none"> • 10, incl. Sciences (A*A), Maths (A*), English (A*A*), French (A*), German (A*) 	
RESEARCH	Medical research assistant · Civilist	2025
EXPERIENCE	<i>Centre Hospitalier Universitaire Vaudois (CHUV), Transl. Machine Learning laboratory</i>	
	Studying the impact of corpus callosum abnormalities on cognitive and brain development.	
	Medical research assistant · Civilist	2024
	<i>CHUV, Connectomics laboratory</i>	
	Coordination and assistance to submission of grant proposal for radiology and AI; development and maintenance of open source python library for neuroimaging.	
	Masters research placement · Student	2022
	<i>Potsdam Leibniz institute for Astrophysics (AIP), Milky Way and Local Volume group</i>	
	N -body, hydrodynamical simulations of tailored galaxy merger models.	
PUBLICATIONS	Khoperskov Sergey; Minchev Ivan; Steinmetz Matthias; Marabotto Julien ; Kordopatis Georges; Delgado Gomez Jeicot; Libeskind Noam. Dead man tells tales: metallicity distribution of the Milky Way stellar halo reveals the past of the GSE progenitor galaxy. <i>eprint arXiv:2310.05287</i> , October 2023.	
PRESENTATIONS	The last major merger of the Milky Way: an insight into galactic archaeology	2024
	<i>CHUV, Connectomics Laboratory</i>	
	Introduction to NiTransforms	2024
	<i>CHUV, Connectomics Laboratory</i>	
	Nuclear Astrophysics (FR)	2024
	<i>SAHL, Member exchange platform</i>	
	An N-body, hydrodynamical reconstruction of the last major merger of the MW	2023
	<i>University of Surrey</i>	
	Accretion history of the MW: A Literature Review	2022
	<i>University of Surrey</i>	
	GSE debris in MW phase space: evidence for the last major merger of the MW	2022
	<i>AIP, Milky Way and Local Volume group</i>	

OTHER EXPERIENCE	Volunteer Astronomer and Committee member 2023 – Present <i>Société d’astronomie du Haut Léman (SAHL)</i> Hosting public observations of the night sky; telescope handling (Dobson 350, C8, C14).
	Collaboration to scientific activities for children · Civilist 2024 – 2025 <i>Ecole polytechnique fédérale de Lausanne (EPFL), Science Outreach Department</i> Project management; participation to various scientific events for children (eg “Les sciences, ça m’intéresse” minibus, TecDay Sierre, First Lego League Challenge).
NON- ACADEMIC PROJECTS	Design of astrophysics promotional flier 2025 <i>EPFL, Science Outreach Department</i>
	“Gymkhana du Labo”, Scientastic 2024 2024 <i>EPFL, Science Outreach Department</i>
GRANTS	ERASMUS+ (€4855.10) 2022 <i>Monthly disbursement: €470</i> <i>Duration of mobility: 10.33 months</i>
QUALIFICATIONS	Communication and Assistance 2024 <i>Swiss Red Cross</i>
	Guidance for adolescents 1 2024 <i>Artiset Bildung</i>
	Guidance for adolescents 2 2024 <i>Artiset Bildung</i>
AWARDS & ACHIEVEMENTS	ACADEMIC Outstanding achievement in IB sciences, St George’s International School 2019
	SPORTS
	Swiss Swimming Championships: 19 national podiums, incl. one title. 2012 – 2019
	European Youth Olympic Festival: Qualification and participation (Swimming). 2017
	Multinations: Relay silver medalist (Swimming). 2017
SKILLS	Hard skills: HPC Clusters (Newton - AIP), astrophysical simulations (GIZMO), data analysis, software development, GitHub. Soft skills: Project management, critical thinking, problem solving, time management, leadership, teamwork, communication, report writing, presentations. Programming: Python, HTML. Languages: English, French, German. Teamwork: Leadership, communication, active listening.