

Quentin Courtade		2nd year PhD student in physics CELIA (CNRS, Université de Bordeaux) ORCID: 0009-0000-7629-4250
PERSONAL	Date of Birth: May 15, 2000 Place of Birth: Fougères, France Citizenship: French E-mail address: quentin.courtade@u-bordeaux.fr / quentin.courtade@ens-lyon.org	
RESEARCH INTERESTS	<p>Studying the ultrafast electronic dynamics and light-induced Floquet-Bloch states in quantum materials using time- and angle-resolved photoemission spectroscopy.</p> <p>Scientific skills: femtosecond lasers, nonlinear optics, high-order harmonics generation, time- and angle-resolved photoemission spectroscopy, band structure mapping, data analysis, scientific programming.</p> <p>PhD topic: <i>Floquet-Bloch States in Quantum Materials</i> <i>Beginning in October 2024 – CELIA, Talence, France.</i> Supervised by Yann Mairesse and Samuel Beaulieu.</p>	
EDUCATION	<p>École Normale Supérieure de Lyon, France 2020-2024, <i>bachelor and master in physics</i> Diploma of the ENS Lyon (<i>Diplôme de l'ENS de Lyon</i>) obtained in 2024. Two additional 5-month master internships realized in 2023-2024. Master obtained in 2023: specialization in optics, quantum materials and condensed matter. Bachelor obtained in 2021: general physics courses followed and specialization in experimental physics.</p> <p>Lycée la Martinière Monplaisir, Lyon, France 2018-2020, <i>CPGE (Classes Préparatoires aux Grandes Écoles)</i> Preparation of the highly selective entrance exams in French engineer schools and prestigious universities during two years. Option ‘physics and chemistry’.</p> <p>Lycée Louis Massignon, Abu Dhabi, UAE 2015-2018, <i>high school</i> French <i>baccalauréat</i> obtained with <i>félicitations du jury</i>.</p>	
SKILLS	<p>Languages – native French, fluent English (C1 level at the <i>Cambridge Advanced English</i> exam, grade 199/210), intermediate German and Spanish (B1), basics in Arabic (MSA, A2), beginner Russian and Chinese (A1-A2).</p> <p>Computer – knowledge of Latex, Python, Matlab.</p>	
OTHER EXPERIENCES	<p>Tutoring – tutoring in physics and chemistry for a class of a dozen of 1st year bachelor students and several small groups of high school students in physics, chemistry and mathematics (2021-2022); personal physics and chemistry tutor for a high school student (2022-2023).</p> <p>Fête de la science – vulgarization event for a general public of every age; presentation of a geophysics workshop in 2021.</p> <p>Guitar Teaching – weekly guitar lessons given to a teenager in 2017 and 2018.</p> <p>Baby-sitting – recurrent baby-sitting with three families between 2016 and 2018.</p>	