

# Quentin Courtade

2<sup>nd</sup> year PhD student in physics  
CELIA (CNRS, Université de Bordeaux)  
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<b>PERSONAL</b>	<b>Date of Birth:</b> May 15, 2000 <b>Place of Birth:</b> Fougères, France <b>Citizenship:</b> French <b>E-mail address:</b> <a href="mailto:quentin.courtade@u-bordeaux.fr">quentin.courtade@u-bordeaux.fr</a> / <a href="mailto:quentin.courtade@ens-lyon.org">quentin.courtade@ens-lyon.org</a>
<b>RESEARCH INTERESTS</b>	Studying the ultrafast electronic dynamics and light-induced Floquet-Bloch states in quantum materials using time- and angle-resolved photoemission spectroscopy.  <b>Scientific skills:</b> femtosecond lasers, nonlinear optics, high-order harmonics generation, time- and angle-resolved photoemission spectroscopy, band structure mapping, data analysis, scientific programming.  <b>PhD topic:</b> <i>Floquet-Bloch States in Quantum Materials</i> <i>Beginning in October 2024 – CELIA, Talence, France.</i> Supervised by Yann Mairesse and Samuel Beaulieu.
<b>EDUCATION</b>	<b>École Normale Supérieure de Lyon, France</b> <i>2020-2024, 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.  <b>Lycée la Martinière Monplaisir, Lyon, France</b> <i>2018-2020, 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’.  <b>Lycée Louis Massignon, Abu Dhabi, UAE</b> <i>2015-2018, high school</i> French baccalauréat obtained with <i>félicitations du jury</i> .
<b>SKILLS</b>	<b>Languages</b> – 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).  <b>Computer</b> – knowledge of Latex, Python, Matlab.
<b>OTHER EXPERIENCES</b>	<b>Tutoring</b> – tutoring in physics and chemistry for a class of a dozen of 1 <sup>st</sup> 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).  <b>Fête de la science</b> – vulgarization event for a general public of every age: presentation of a geophysics workshop in 2021.  <b>Guitar Teaching</b> – weekly guitar lessons given to a teenager in 2017 and 2018.  <b>Baby-sitting</b> – recurrent baby-sitting with three families between 2016 and 2018.