

CURRICULUM VITÆ

Quentin Barthélemy

General information

- Full name: Quentin Thomas Barthélemy
- Date of birth: August 18, 1995
- Place of birth: Perpignan (France)
- Nationality: French
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Education

2012: Baccalauréat scientifique

Lycée Rosa Luxemburg, Canet-en-Roussillon (France)

2012 - 2014: Classes préparatoires aux grandes écoles MP

Lycée Louis le Grand, Paris (France) and Lycée Joffre, Montpellier (France)

2014 - 2015: B.Sc. in fundamental physics

Université Paris-Sud, Orsay (France)

2015 - 2017: M.Sc. in condensed matter physics, Magistère de physique fondamentale

Université Paris-Sud, Orsay (France) and École Normale Supérieure, Paris (France)

Experience

2015: Research intern

Institut de Recherche en Astrophysique et Planétologie, Toulouse (France)

Topic: *The accelerating universe: Hubble's diagram of type Ia supernovæ*

Supervision: A. Blanchard

2016: Research intern

Département de Physique de l'Université de Sherbrooke, Sherbrooke (Canada)

Topic: *Magnetic phase diagram and the role of transverse fields in the frustrated Ising spin chain system SrHo_2O_4*

Supervision: J. Quilliam

Manuscript to be submitted

2017: Research intern

Laboratoire de Physique des Solides, Orsay (France)

Topic: *NMR study of the spin dynamics in the Herbertsmithite spin liquid material*

Supervision: F. Bert and P. Mendels

2018: Attendant – School of the GDR MEETICC

Laboratoire Arago, Banyuls sur mer (France)

2018: Attendant – ISIS Muon Spectroscopy Training School

Rutherford Appleton Laboratory, Harwell Oxford Didcot (United Kingdom)

2017 - 2020: PhD student

Laboratoire de Physique des Solides, Orsay (France)

Topic: *New quantum states on model frustrated lattices*

Supervision: F. Bert and P. Mendels

Skills

- Physics: NMR, μSR , DC SQUID, cryogenics, high magnetic fields
- Languages:
 - French: mother tongue
 - English:
 - * TOEIC: 850/990
 - * Cambridge Intensive English Preparatory Course
 - Murray Edwards College, Cambridge University, Cambridge (United Kingdom)*
 - Spanish: basics
- Computer science: Python, Matlab, Mathematica, Origin, C++, Gnuplot, Maple, Labview, \LaTeX