

Jorge Romero

romero@liverpool.ac.uk
joromero@jyu.fi

Higher Studies

- 2019-2024 **Dual Doctorate in Experimental Nuclear Physics**, *University of Liverpool, University of Jyväskylä*, Liverpool (UK), Jyväskylä (Finland).
Investigation of exotic nuclei close to the proton drip line using the state-of-the-art MARA-LEB facility
- 2018-2019 **Masters in Nuclear Physics**, *University of Seville (US)*, Seville (Spain).
Average Grade: 82.7%
Thesis: *Characterisation of a Total Absorption Spectrometer to measure β decay in ^{100}Sn at Riken Nishina Center* - Grade: 93%
- 2014-2018 **Degree in Physics**, *Universitat de València (UVEG)*, Valencia (Spain).
Average Grade: 75.1%
Thesis: *β decay in $N \sim Z$ nuclei at CERN-ISOLDE for nuclear astrophysics* - Grade: 93%

Secondary Studies

- 2014 **A-Levels**, *Cambridge House Community College*, Valencia (Spain).
Mathematics - grade A*
Physics - grade A
Chemistry - grade A
- 2012 **GCSE**, *Cambridge House Community College*, Valencia (Spain).
Science - grade A*
French - grade A*
German - grade A*
1st Language English - grade A

Languages

Spanish	Native	
English	Near-native	<i>Language of Education since age 3, European C2 Certificate</i>
Catalan	Proficient	
French	Fluent	
Italian	Fluent	
German	Intermediate	
Finnish	Beginner	

Work Experience

Physics

- 2019-2024 **Doctoral Researcher**, *University of Liverpool, University of Jyväskylä*, Liverpool (UK), Jyväskylä (Finland).
Experience in JYFL Accelerator Laboratory.
- 2018,2019 **Physics and Mathematics Substitute Teacher**, *Cambridge House Community College*, Valencia (Spain).
GCSE and A-Level Physics Teacher
- 2016 **Student Summer Programme - IFIC**, *Instituto de Física Corpuscular- CSIC*, Valencia (Spain).
Geant4 Simulations of GSI (Darmstadt) particle detectors
- 2015-2017 **Freshers Mentor**, University of Valencia (Spain).
Mentor to first year students
- 2018 **Speaker at a Physics Summer School**, *Escuela de Verano SEMF*, University of Valencia (Spain).
Talk: Introduction to the Standard Model and Feynman Diagrams
- 2016-2018 **Science Fair Volunteer**, *Feria Experimenta*, University of Valencia (Spain).
Volunteer staff at a science fair aimed at secondary students

Other

- 2012-2018 **Private Tutor**.
Tutor in physics, mathematics and chemistry
- 2015-2018 **Member of the Faculty of Physics Student Council**.
2015-2017 Secretary
2017-2018 President
- 2015 **Market Research**, *Forn Maria Velarte*, Castellón (Spain).
Client surveying
- 2011 **Year 10 Work Experience**, *Red Control Massanassa*, Massanassa (Spain).
Quality Control document administration

Computer Skills

- Programming Python, C, Mathematica,
Matlab, ROOT, Geant4
- Text \LaTeX , Microsoft Office
- Media Inkscape