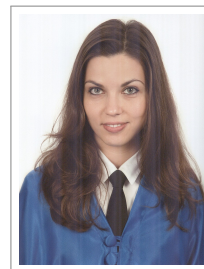


Palmerina González Izquierdo

Curriculum Vitae

16 rue Charrel
Grenoble, France, 38000
☎ 0033 752674669
✉ palmerina93@gmail.com
14/04/1993



Education

- 2011–2016 **Bachelor's Degree in Physics**, *University of Cantabria*, Santander, Spain.
GPA PTS 7.6
- 2013–2014 **Erasmus Programme**, *Utrecht University*, Utrecht, The Netherlands.
- 2016–2017 **Master's Degree in New Materials**, *University of Cantabria and University of Basque Country*, Santander-Bilbao, Spain.
GPA PTS 8.9
- 15/01/2018 **PhD Student**, *Institut Laue-Langevin, France / University of Cantabria, Spain*.

Experience

- 18/08/2015–
14/10/2015 **Research Internship**, *Instituto de Fisica de Cantabria (IFCA), Experimental Particle Physics' Department*, Santander, Spain.
Implementation of a CMS-LHC collisions data portal for didactic purposes.
- 01/03/2016–
01/06/2016 **Bachelor's thesis**, *Institut Laue-Langevin (ILL) in collaboration with CITIMAC*, Grenoble, France, Diffraction Group.
Synthesis and measurement of physico-chemical and magnetic properties of Advanced Magnetic Ionic Liquids.
- 13/06/2016–
11/09/2016 **Research Internship**, *CERN*, France-Switzerland, Search for scalar top quark (top quark's superpartner) pair production with the CMS detector.
- 15/05/2017–
01/09/2017 **Master's thesis**, *Institut Laue-Langevin (ILL) in collaboration with CITIMAC*, Diffraction Group, Grenoble, France.
Continuation of the previous study about Advanced Magnetic Ionic Liquids.
- 09/10/2017–
09/12/2017 **Research Internship funded by Leonardo Torres Quevedo Foundation**, *University of Cantabria, CITIMAC*, Santander, Spain.
Continuation of the previous study about Advanced Magnetic Ionic Liquids.

Publications

- Gonzalez-Izquierdo P., Fabelo O., Beobide G., Vallcorba O., Sce F., Rodríguez Fernández J., Fernández-Díaz M.T., de Pedro I., Magnetic Structure, Single-Crystal to Single-Crystal Transition, and Thermal Expansion Study of the (Edimim)[FeCl₄] Halometallate Compound. *Inorg Chem.* **2018**, 19;57(4):1787-1795.
- Scé F., Gonzalez-Izquierdo P., Cano I., Beobide G., Fabelo O., Vieira B.J.C., Waerenborgh J.C., Vallcorba O., Castillo O., de Pedro I., Incommensurate crystal structure, thermal expansion study and magnetic properties of (dimethylimidazolium)₂[Fe₂Cl₆(μ -O)]. *J. Phys. Mater.* **2019**, 3 015002.
- Gonzalez-Izquierdo P., Fabelo O., Beobide G., Cano I., Ruiz de Larramendi I., Vallcorba O., Rodríguez Fernández J., Fernandez-Diaz M. T., de Pedro I., Crystal structure, magneto-structural correlation, thermal and electrical studies of an imidazolium halometallate molten salt: (trimim)[FeCl₄]. *RSC Adv.* **2020**, 10, 11200-11209.
- Gonzalez-Izquierdo P., Fabelo O., Canadillas-Delgado L., Beobide G., Vallcorba O., Sánchez-Andujar M., Fernandez-Diaz M. T., de Pedro M., Temperature Evolution of (quinuclidinium)[FeCl₄]; a Plastic/Polar Magnetic Hybrid Compound with Giant Dielectric Constant. *J. Mater. Chem. C.* **2020**, 8, 11389-11398. **Journal Cover.**
- Gonzalez-Izquierdo P., Fabelo O., Cano, I., Vallcorba O., Rodríguez Fernández J., Fernandez-Diaz M. T., de Pedro M., Breakdown of the linear physical behavior in a solid solution of a halometallate molten salt, (dimim)[Fe(Cl_{1-x}Br_x)₄] $0 \leq x \leq 1$. *J. Mol. Liq.* **2020**, 114570.

Conferences and Seminars

- 06/2018 Oral Presentation at the **SETN** (Sociedad Española de Tecnicas Neutronicas) Conference. University of Cantabria, Spain.
- 10/2018 Attendant to the **ILL and ESS European User Meeting**. Grenoble World Trade Center, France.
- 12/2018 Oral Presentation at the Conference: **Spain at the ILL: 31 years of fruitful collaboration**, organized by ILL and the Science and Education Ministry of Spain. CSIC, Madrid.
- 2018 Oral presentation at the **PhD Seminars 2018**. Institut Laue-Langevin, France.
- 06/2019 Poster at the **Magnetic Crystallography Congress**, organized by the International School of Crystallography. Erice, Sicily.
- 09/2019 Oral presentation at the **ECNS2019** Conference, organized ECNS (European Conference on Neutron Scattering). Saint Petersburg, Russia.
- 2019 Oral presentation at the **PhD Seminars 2019**. Institut Laue-Langevin, France.

Courses

- 09/05/2016-13/05/2016 **FP School 2016**, *Institut Laue-Langevin*, Grenoble, France, 9th Annual School on Neutron Diffraction Data Treatment using the FullProf Suite, imparted by the developer of the software, Juan Rodriguez Carvajal..
- 16/10/2017-21/10/2017 **FP School 2017**, *Institut Laue-Langevin*, Grenoble, France, 10th Annual School on Neutron Diffraction Data Treatment using the FullProf Suite, imparted by the developer of the software, Juan Rodriguez Carvajal..
- 05/2018 **Internal FP course**, *Institut Laue-Langevin*, Grenoble, France.
- 11/04/2019-13/04/2019 **XAS workshop 2019**, *Diamond Light Source*, Didcot, UK.
- 17/04/2019-22/04/2019 **ADD2019 (School and Conference on Analysis of Diffraction Data in Real-Space)**, *Institut Laue-Langevin and ESRF*, Grenoble, France.
- 02/03/2020-03/04/2020 **HERCULES European School (Session A: Applications to Physics and Chemistry of Condensed Matter)**, *Universite Grenoble-Alpes, CNRS, CEA, Grenoble INP*, Grenoble, France.

Languages

Spanish	Native Speaker	
English	Advanced	<i>B2/C1</i>
French	Advanced	<i>B2/C1</i>
German	Basic	<i>A1</i>