

Alberto Pérez de Rada Fiol

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Education

- 2017-present **DOCTOR OF PHILOSOPHY IN NUCLEAR PHYSICS** *Complutense University of Madrid*
Thesis title: “ β -delayed neutron spectroscopy of ^{85,86}As with the MODular Neutron SpectromeTER (MONSTER)”
- 2016-2017 **MASTER OF SCIENCE IN NUCLEAR PHYSICS** *Autonomous University of Madrid*
End of Master dissertation title: “Characterization and simulations of a CLYC detector for gamma-ray and neutron spectroscopy”
- 2012-2016 **PHYSICS DEGREE** *Autonomous University of Madrid*
- 2014 **ENGLISH LANGUAGE IMMERSION COURSE** *Menéndez Pelayo International University*

Professional experience

- 2020 **INTERNSHIP** *MLH Fellowship powered by GitHub*
- 2018-present **PREDOCTORAL RESEARCHER** *Research Centre for Energy, Environment and Technology (CIEMAT, by its initials in Spanish)*
- 2017-2018 **MADRID AREA MANAGER** *Yobbiks*
- 2017 **INTERNSHIP** *CIEMAT*
Working on my End of Master Dissertation
- 2016 **INTERNSHIP** *Autonomous University of Madrid*
Educational innovation project C_08.15: “SPOC for the teaching of “Applied theoretical chemistry laboratory””
- 2015-2016 **PROMOTER OF THE “V-CUBE” BRAND IN EL CORTE INGLÉS PRECIADOS** *Compudid*

Languages

- Spanish: native
- English: advanced
- Catalan: native

Papers

- 2018 T. Martínez, A. Pérez de Rada, D. Cano-Ott, R. Santorelli, I. Bandac, P. García Abia, A. R. García, A. Ianni, B. Montes, L. Romero, D. Villamarín, «Characterization of a CLYC detector for underground experiments», *Nuclear Instruments and Methods in Physics Research A* [🔗](#)

Congresses

- 2018 «Characterization and simulations of a CLYC detector for gamma-ray and neutron spectroscopy», *44th Spanish Nuclear Society Annual Meeting*
- 2017 «Characterization and simulations of a CLYC detector for gamma-ray and neutron spectroscopy», *IX CPAN DAYS*

Software skills

- Programming languages / technologies: C++, Ruby, Rails, JavaScript, React, Node.js, Express, HTML, CSS, MySQL, PostgreSQL, MongoDB, Python, MatLab, LaTeX
- Operating systems: Linux, Windows
- Productivity applications: G Suite, Office 365

Acknowledgments

- 2018 2018 Spanish Nuclear Society End of Master Dissertations and Projects Award finalist
2014-2016 Three times Spanish champion solving the Rubik's Cube with feet
2013, 2015 Two times Spanish champion solving the "Pyraminx", a Rubik's-like twisty puzzle

Volunteering

- 2019 **SOFTWARE TEAM PROJECT MANAGER (WST)** *World Cube Association (WCA)* [↗](#)
2018-2019 **FOUNDER AND PRESIDENT** *Madrid's Speedcubing Association (AMS, by its initials in Spanish)* [↗](#)
2018 **ORGANIZER OF THE WCA EUROPEAN CHAMPIONSHIP 2018** *WCA* [↗](#)
2017-2019 **BOARD MEMBER** *WCA*
Appointed Secretary of the Association on 2018
2017-2019 **REGULATIONS COMMITTEE MEMBER (WRC)** *WCA*
2016-2019 **DELEGATE** *WCA*
2016-2018 **BOARD MEMBER** *Spanish Rubik's Cube Association (AECR, by its initials in Spanish)* [↗](#)