Alberto Pérez de Rada Fiol

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Born in Mallorca (Balearic Islands) in March 15th, 1994, I've always dedicated myself in body and soul to my passions in life. One of those passions made me move to Madrid in 2012 to pursue my degree in Physics, and since then I lived in the capital of Spain; my other greateast passion in life is the Rubik's Cube and its variants.

Education

2017-present **DOCTOR OF PHILOSOPHY IN NUCLEAR PHYSICS** *Complutense University of Madrid*
Thesis title: "Neutron and gamma-ray spectroscopy of ^{83}Ga β-decay"

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

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: C++, Ruby on Rails, MatLab, Python, LaTeX, MySQL, PostgreSQL
- 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)* ↗
presente
2018-present **FOUNDER AND PRESIDENT** *Madrid's Speedcubing Association (AMS, by its initials in Spanish)* ↗
2018   **ORGANIZER OF THE WCA EUROPEAN CHAMPIONSHIP 2018** *WCA* ↗
2017-present **BOARD MEMBER** *WCA*
             Appointed Secretary of the Association on 2018
2017-2019   **REGULATIONS COMMITTEE MEMBER (WRC)** *WCA*
2016-present **DELEGATE** *WCA*
2016-2018   **BOARD MEMBER** *Spanish Rubik's Cube Association (AECR, by its initials in Spanish)* ↗