



16/08/1996

ABOUT ME

Enthusiastic chemist and environmental scientist who loves to travel and learn both in a cultural and professional way to become the best version of myself

MORE INFO

- B1 driving license

CONTACT



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Jaime J. Cervera Martín

Chemist

EDUCATION

A levels

Imberhorne School, East Grinstead (UK) | September 2012 - June 2014

- Maths: B
- Biology: B
- Chemistry: C
- Psychology: C
- Spanish: A

Double BSc in Environmental Sciences and Chemistry

Universidad de Cádiz (Spain) | September 2016 - July 2021

- Collaboration with the Physical Chemistry department (1 year).
- Erasmus at the Università degli studi dell'Insubria (Como, Italy).
- Thesis: Superhydrophobic superficial treatments with induced superhydrophilicity and biocidal capabilities.
- Average GPA: 7.78/10.

MSc Catalysis

University of St Andrews (UK) | September 2021 - August 2022

- Thesis: Mechanoredox approach to organic chemistry with piezocatalysis.
- Average GPA: Merit (>13.5)

IFPEN (Lyon)- LPCNO (Toulouse) | November 2024 - November 2027

PhD student

- Thesis: Effects of bimetallicity of nanoparticles synthesized through the organometallic approach on catalytic performances.

WORK EXPERIENCE

Universidad de Alcalá de Henares (Spain) | September 2021 - August 2022

Assistant researcher

- Synthesis and characterisation of novel Pd(II) monomers which are moisture and air sensitive.
- Activation of small molecules such as CO or Hydrogen with said complexes.
- Characterisation includes: single crystal X-ray diffraction, NMR, EPR, cyclovoltammetry and IR.

PUBLICATIONS

R. Zarzuela, J. J. Cervera, I. Moreno, M. L. A. Gil and M. J. Mosquera, Constr. Build. Mater., DOI:10.1016/j.conbuildmat.2023.132573.

VOLUNTEERING

- Spanish teacher at Redcross (2017-2018)
- Children entertainer (Hospital de Puerto Real) (2017-2018)

IDIOMAS

Spanish

Native

Inglés:

C1

French

A1-A2

Italian

B1-B2