

# Ulises Pastor Díaz

Curriculum Vitæ

## Work experience

- **Universidad de Sevilla** Sevilla, Spain  
*Interim substitute professor* Nov. 2023 - April 2023
- **Universidad de Sevilla** Sevilla, Spain  
*Researcher position with reference INV-11-2021-I-098* Aug. - Nov. 2022
- **Universidad de Sevilla** Sevilla, Spain  
*Researcher position with reference P20\_01056* Jan. - April 2022
- **Universidad de Jaén** Jaén, Spain  
*Interim substitute professor* Sep. 2019 - Aug. 2021

## Education

- **Universidad de Sevilla** Sevilla, Spain  
*PhD in Mathematics* 2019 - 2024
- **Universidad de Sevilla** Sevilla, Spain  
*University Master in Mathematics* 2018 - 2019
- **Universidad de Sevilla** Sevilla, Spain  
*Bachelor in Mathematics* 2014 - 2018
- **Université Pierre et Marie Curie** Paris, France  
*Erasmus exchange program* 2017 - 2018
- **Real Academia de Ciencias & Universidad de Sevilla** Sevilla, Spain  
*Project ESTALMAT* 2009 - 2013

## Research Stays

- **Université Paris 8** Paris, France  
*1 month* Oct. 2023
- **Institut Montpellierain Alexander Grothendiek** Montpellier, France  
*3 months* Nov. 2022 - Dec. 2022

## Grants and Awards

- **Department of Algebra, Universidad de Sevilla** Sevilla, Spain  
*Beca de Colaboración* 2018 - 2019
- **Université Pierre et Marie Curie** Paris, France  
*Erasmus exchange program* 2017 - 2018

## Publications

1. **On the Walsh Support of Boolean Functions from a Quantum Viewpoint**  
*(To be published). Springer Lecture Notes in Computer Science* 2024
2. **Further Applications of the Generalised Phase Kick-Back**  
*(To be published). Quantum Information Processing* 2024
3. **A Generalisation of the Phase Kick-Back**  
*Quantum Information Processing* 2023

## Languages

- **English**  
*Cambridge Advanced Certificate of English* 2020
- **French**  
*DEL F B1* 2016

## Programming languages

Experience using Python and Qiskit, Mathematica, MatLab, Haskell, ASP and Isabelle.