

# Javier Castellano

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[CUNEF UNIVERSIDAD](#)  
Almansa 101, 28040 Madrid Spain  
[javier.castellano@cunef.edu](mailto:javier.castellano@cunef.edu)  
[CUNEF Website](#)

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## EMPLOYMENT

Adjunct Lecturer, Dept. of Quantitative Methods, CUNEF Universidad (2025-present)

Equity Derivatives Quant – Banco Santander (since 2022)

Quantitative Analyst – KPMG (2021 – 2022)

Quantitative Analyst – Altair (2021)

## EDUCATION

Master in Quantitative Finance – Afi Escuela (2021)

PhD in Physics – Johannes Gutenberg-Universität Mainz (2021)

Master of Science, Physics – Universitat de Valencia (2017)

Bachelor of Science, Physics – Universidad de Sevilla (2016)

## FIELDS OF INTEREST

Quantitative finance, numerical methods and Machine learning

## PUBLICATIONS

Carmona, Adrian; Castellano, Javier; & Neubert, Matthias: “A warped scalar portal to fermionic dark matter”, *The European Physical Journal C*, Volume 81, article number 58, 2021.

Ahmed, Aqeel; Carmona, Adrian; Castellano, Javier; Chung, Yi & Neubert, Matthias: “Dynamical origin of fermion bulk masses in a warped extra dimension”, *Journal of High Energy Physics*, Volume 2019, article number 45, 2019.

## **SELECTED PRESENTATIONS CONFERENCES**

Planck 2019: From the Planck Scale to the Electroweak Scale, The quest for new physics 2018.