



Alberto Cerezo Cid

Curriculum Vitae

Education

- 2022-Present **PhD student in Mathematics**, *Universidad de Granada*, Spain.
Predoctoral FPI contract, funded by the Spanish Ministry of Science and Innovation.
- Advisors: Isabel Fernández Delgado (Universidad de Sevilla) and Pablo Mira Carrillo (Universidad Politécnica de Cartagena).
 - Current research topic: Free boundary minimal and CMC surfaces.
- 2021-2022 **Master's Degree in Mathematics**, *Universidad de Sevilla*, Spain.
Average mark: 9,72/10 ([Link](#) to academic record).
- 2016-2021 **Double Bachelor's Degree in Mathematics and Physics**, *Universidad de Sevilla*, Spain.
Average marks ([Link](#) to academic records):
- Mathematics: 9,79/10.
 - Physics: 9,70/10.
- 2014-2016 **Spanish Baccalaureate**, *IES Pepe Ruiz Vela*, Sevilla (Spain). Average mark: 10/10.

Relevant Experience

- 2021-2022 **Introduction to Research grant**, *IMUS*, Sevilla (Spain). Advisor: Isabel Fernández Delgado (Universidad de Sevilla). Paid internship funded by Universidad de Sevilla.
- Research topic: Hopf's problem for Weingarten surfaces in homogeneous spaces.
- 2021 **Grant programme PI3 - IMUS: Introduction to Research**, *IMUS*, Sevilla (Spain). Advisor: Isabel Fernández Delgado (Universidad de Sevilla).
- Research topic: Weierstrass representation.
- 2020-2021 **Collaboration grant**, *Universidad de Sevilla*, Spain. Advisor: Isabel Fernández Delgado (Universidad de Sevilla). Paid internship funded by the Spanish Ministry of Education.
- Research topic: minimal and mean curvature surfaces.
- 2020 **Grant programme Severo Ochoa – ICMAT: Introduction to Research 2020**, *ICMAT*, Madrid (Spain). Advisor: David Martín de Diego (ICMAT).
- Research topic: discrete differential geometry.
- 2019-2020 **Student intern at Geometry and Topology department**, *Universidad de Sevilla*, Spain. Advisors: Isabel Fernández Delgado and Ramón Jesús Flores Díaz (Universidad de Sevilla).
- Research topic: minimal and mean curvature surfaces.

Honors

- 2021-2022 **Qualified with Honors** in 50% of the courses from the Master's Degree in Mathematics.
- 2021-2022 **Qualified with 9.0 or higher** in 90% of the courses from the Master's Degree in Mathematics.
- 2017-2021 **Qualified with Honors** in 47% of the courses from the Double Bachelor's Degree in Mathematics and Physics.
- 2017-2021 **Qualified with 9.0 or higher** in 97% of the courses from the Double Bachelor's Degree in Mathematics and Physics.
- 2020 **Third prize** in the XXVII International Mathematics Competition for University Students.
- 2016 Baccalaureate awarded with Honors.

Conferences and Events

- 2023 **Recent advances in the theory of submanifolds**, *INDAM*, Rome (Italy). *Gave a talk: [Embedded free boundary CMC annuli in the unit ball](#).*
- 2023 **Summer School in Geometric Analysis**, *Université Libre de Bruxelles*, Brussels (Belgium). *Attended.*
- 2023 **Topics in Geometric Flows and Minimal Surfaces**, *St. Mary's College*, Moraga, California (United States). *Attended.*
- 2023 **\mathcal{H} -Workshop 2023**, *IMAG*, Granada (Spain). *Gave a talk: [Embedded free boundary CMC annuli in the unit ball](#).*
- 2022 **9th Heidelberg Laureate Forum**, *Neue Universität*, Heidelberg (Germany). *Attended.*
- 2022 **Geometric Analysis at Granada**, *IMAG*, Granada (Spain). *Attended.*
- 2021 **Grant programme PI3 - IMUS: Introduction to Research**, *IMUS*, Sevilla (Spain). *Gave a talk: [Weierstrass representation](#).*
- 2020 **XIII JAE School of Mathematics 2020**, *ICMAT*, Madrid (Spain). *Attended.*
- 2018 **XIX School of Mathematics "Lluís Santaló". Interactions between PDEs and probability**, *UIMP*, Santander (Spain). *Attended.*

Computer skills

- Scientific Software **MATLAB** user. Familiar with associated programs (**Cftool**, **Simulink**).
- Scientific Software Familiar with **Wolfram Mathematica**.
- Office Software Advanced \LaTeX , Microsoft Office Word, Excel and Powerpoint user.

Languages

- English B2 First (Cambridge English).
- French B2 DELF.
- Portuguese Currently preparing for the CELPE-BRAS exam (*Certificado Intermediário Superior*).
- Spanish Native speaker.

Note: All the available diplomas and certificates from the present CV can be checked [here](#).