



José Miguel Balado-Alves

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Webpage link here

EDUCATION

Ph.D. in Mathematics

University of Münster

- Supervisor: Anna Siffert

Oct. 2022 – XXX

Münster, Germany

Master's Degree in Mathematics

University of Santiago de Compostela

- Thesis: Variedades de Riemann isocurvadas (in Spanish). Grade: 10/10
- Supervisor: Eduardo García-Río

Sep. 2020 – July 2021

Santiago de Compostela, Spain

Bachelor's Degree in Mathematics

University of Santiago de Compostela

- Thesis: Derivadas de Lie: Transformaciones infinitesimales (in Spanish). Grade: 10/10
- Supervisor: Eduardo García-Río

Sep. 2016 – July 2020

Santiago de Compostela, Spain

PUBLICATIONS

- [1] J. M. Balado-Alves. "Explicit harmonic self-maps of complex projective spaces". In: *The Journal of Geometric Analysis* 34.1 (2024), p. 21.
- [2] J. M. Balado-Alves and A. Siffert. "Construction of r -harmonic submanifolds in spheres". In: *arXiv preprint arXiv:2404.02535* (2024).
- [3] J. M. Balado-Alves. "Polyharmonic hypersurfaces into complex space forms". In: *arXiv preprint arXiv:2310.14452* (2023).
- [4] J. M. Balado-Alves. "Variedades de Riemann isocurvadas". In: *Publications of the Department of Geometry and Topology, University of Santiago de Compostela*. 152 (2022).

SELECTED TALKS

"Critical submanifolds of higher order energy functionals"

Seminar, University of Cagliari (Italy)

February 2024

"Explicit harmonic self-maps of complex projective spaces"

Differential Geometry Workshop, University of Iași (Romania)

September 2023

"Recíproco del Teorema Egregium"

Seminar, University of Santiago de Compostela (Spain)

April 2021

SCHOLARSHIPS AND AWARDS

"Mellores expedientes"

Award to the bests academic records from University of Santiago de Compostela

2016

Summer School in Dublin, Ireland

Grant awarded to pay for an intensive course on Irish culture and language

2018

RESEARCH VISITS

University of Cagliari

February 2024

TEACHING EXPERIENCE

Co-supervisor of Manuel Stasius's Bachelorarbeit

Bachelor thesis about "Minimal Surfaces"

Winter Semester 2023

University of Münster

Assistant for "Ricci FLOW"

Seminar

Summer Semester 2024

University of Münster

Assistant for "Submanifold theory"

Seminar

Summer Semester 2024

University of Münster

LANGUAGES

Spanish and Galician: Native

English: Advanced (C1)

German: Beginner (A2)

ORGANIZER OF

Differential Geometry Seminar

Local seminar for Ph.D. students

Winter Semester 2023

University of Münster

Differential Geometry Seminar

Local seminar for Ph.D. students

Summer Semester 2024

University of Münster

OUTREACH

Outreach talk for kids with ADHD

"¿Para qué sirven las matemáticas?"

October 2020

INGADA Foundation