

CURRICULLUM VITAE ET STUDIORUM

AFONSO MANUEL RIBEIRO GUERREIRO DO BRITO DO VALE

CONTACT INFORMATION

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RESEARCH FOCUS

Astrophysics

Galactic Star Formation: Pre-main sequence stars, Initial mass function
Low mass stars: Brown Dwarfs, Disks, Variability

EMPLOYMENT HISTORY

Scientific Initiation Scholarship (BIC) at CENTRA Faculty of Sciences, University of Lisbon	2018
Research Grant at CENTRA Faculty of Sciences, University of Lisbon	2020-2021
FCT mixed PhD grant at IA-FCUL and LAB-UB University of Lisbon and Université de Bordeaux Adress in Lisbon: Campo Grande, Ed. C8 1749-016 Lisboa, Portugal Adress in Bordeaux: 3-5 Allée Fernand Daguin, 33600 Pessac, France	Ongoing

EDUCATION

B. Sc. in Physics Faculty of Sciences of the University of Lisbon, Physics Department, Specialization field: Astronomy & Astrophysics	2019
M. Sc. in Physics Faculty of Sciences of the University of Lisbon, Physics Department, Specialization field: Astrophysics & Cosmology Thesis title: "Blinking Lights in Taurus: Long-term Variability of Young stars and Brown Dwarfs"	2022
PhD. Sc. in Physics and Astrophysics Faculty of Sciences of the University of Lisbon, Physics Department, Thesis advisors: Dr. Mužić & Dr. Hervé Bouy Thesis title: "Unveiling the origin of brown dwarfs and free-floating planetary-mass objects"	Ongoing

SKILLS

Operating Systems: LINUX, WINDOWS;
Programming: python, C++, MatLab, IDL, R;
Astronomical data processing: SExtractor, AstroPy, Daophot, TopCat, Vizier, Ds9, Aladin

LANGUAGES

Fluent in both Portuguese and English. Good knowledge of Spanish and French.