

CURRICULUM VITAE ET STUDIORUM

AFONSO MANUEL RIBEIRO GUERREIRO DO BRITO DO VALE

CONTACT INFORMATION

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Gironde, France
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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
Address in Lisbon: Campo Grande, Ed. C8
1749-016 Lisboa, Portugal
Address 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.