
Current Affiliation: Aix Marseille Univ, CNRS, CNES, LAM, Marseille, France, 38 rue Frédéric Joliot-Curie, 13388 Cedex 13, Marseille

POSITION & EDUCATION

- 2016 - present : CNRS Senior Staff Researcher (DR2) at LAM
- 2015 : Habilitation thesis, Aix Marseille Université
- 2004 - 2016 : CNRS Staff Researcher (CR1) at LAM

RESEARCH INTEREST

- Massive stars: evolution as a function of metallicity, properties, magnetism, mass loss, rotation
- Radiative Transfer: non-LTE, 1D/2D, expanding media; spectral synthesis of stellar populations
- Spectroscopy: FUV, UV, optical and NIR; high-resolution; spectropolarimetry

TEACHING

- Master Aix Marseille Univ: 2004 - 2007 and 2012 - 2018: Stellar Astrophysics
- MOOC on Stellar Astrophysics in 2015, available through the FUN platform
- Aussois International School, 2003: Stellar winds of massive stars

STUDENT MENTORING

- 2003 – 2005 Claire Martin-Zaïdi, PhD Thesis, University of Marseille, co-supervisor
- 2006 – 2009 Cyril Escolano, PhD Thesis, University of Marseille, supervisor
- 2007 – 2010 Wagner Marcolino, ANR Postdoctoral Associate, supervisor

MANAGEMENT

- Co-PI of Phase 0 study of POLLUX, a high-resolution UV spectropolarimeter for LUVUOIR
- Member of scientific council of PNPS - 2006-2009
- Member of the Board for Telescope Allocation, for the French Telescopes in OPTICON network
- Member of Scientific Council and Laboratory Council at LAM (2016-2020 and 2018-2022)
- Member of 6 PhD thesis committees

PEER REVIEW

- Review Panels: ANR ; Czech Science Foundation ; K. U. Leuven ; NASA/ATP ; NASA/FUSE ; ESO/OPC (P96, P97, P98) ; CFHT
- Journals: A&A, MNRAS, ApJ

RESEARCH GRANTS

- PI of several grants from PNPS & PNCG from 2004 to 2017
- Visiting Scientist, NASA/Goddard Space Flight Center, USA – June to August 2008
- Co-PI of an ANR grant, 2006 – 2010, “Massive Stars In the Local Universe”

SELECTED PUBLICATIONS IN RELATION WITH THE THESIS SUBJECT

- Bouret, J.-C.; Lanz, T.; Hillier, D. J.; Martins, F.; Marcolino, W. L. F.; Depagne, E., « No breakdown of the radiatively driven wind theory in low-metallicity environments », 2015, MNRAS, 449, 1545
- Bouret, J.-C.; Lanz, T.; Martins, F.; Marcolino, W. L. F.; Hillier, D. J.; Depagne, E.; Hubeny, I., «Massive stars at low metallicity. Evolution and surface abundances of O dwarfs in the SMC», 2013, A&A, 555, 1
- Hillier, D. J.; Bouret, J.-C.; Lanz, T.; Busche, J.; «Influence of rotation on optical emission profiles of O stars», 2012, MNRAS, 426, 1043