

## JEAN-CLAUDE BOURET

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### RESEARCH INTEREST

- Massive stars : evolution as a function of metallicity, 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

### POSITION & EDUCATION

- 2016 - present CNRS Senior Staff Researcher (DR2) at LAM
- 2015 Habilitation thesis (HDR), Aix Marseille Université (AMU)
- 2004 - 2016 CNRS Staff Researcher (CR1) at LAM
- 1995-1998 PhD of Astrophysics, Univ. Grenoble

### TEACHING

- Master Aix Marseille Univ: 2004 – 2007 : Stellar Astrophysics
- MOOC on Stellar Astrophysics in 2015, available through the FUN platform

### STUDENT SUPERVISION

- 2003 – 2005 Claire Martin-Zaïdi, PhD Thesis, University of Marseille, co-advisor
- 2006 – 2009 Cyril Escolano, PhD Thesis, University of Marseille, advisor
- 2007 – 2010 Wagner Marcolino, Postdoctoral Associate, advisor
- 2009 – 2012 Anthony Hervé, PhD Thesis, University of Liège, co-advisor
- 2020 Thomas Lucet, Master thesis, AMU advisor

### MANAGEMENT, RESPONSABILITIES

- Member of the Science Advisory Committee of ULLYSES, a legacy program on HST
- Coordinator of a working group on Stellar atmospheres and Benchmarking within the XShootU collaboration
- 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 Laboratory Council at LAM
- President of the Scientific Council at LAM
- Member of 7 PhD thesis committees, 1 HDR committee
- Visiting Scientist, NASA/Goddard Space Flight Center, USA – June to August 2008
- PI of several grants from French national programs (PNPS & PNCG) from 2004 to 2017
- Co-PI of an ANR grant, 2006 – 2010, "Massive Stars In the Local Universe"
- PI of a CNES grants on ULLYSES, 2020 and 2021

### PUBLICATIONS IN RELATION WITH THE THESIS SUBJECT

Author and co-author of 219 publications, 4294 citations