Jean-Claude Bouret
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Senior Research Scientist (CNRS Research Director)

Academic Appointments

- Research Scientist, Laboratoire d'Astrophysique de Marseille (LAM), France (2004–2016)
- Visiting Scientist, NASA Goddard Space Flight Center, USA - Fellowship of U. of Maryland (2009–2012)
- Postdoctoral Researcher (CNES), LAM, France (2001–2004)
- Research Associate (National Research Council Fellowship), NASA/GSFC, USA (1999–2001)

Education

- PhD in Astrophysics, University of Grenoble I, France (1995–1998)
- HDR (French accreditation to supervise PhD research), awarded in 2014, Aix-Marseille University

Research Interest

- Massive stars: formation, evolution, and physical properties (abundances, mass loss, rotation, magnetism)
- Radiative transfer: non-LTE, line blanketing, 1D/2D, coupling with hydrodynamics
- Stellar atmosphere and wind modelling
- Spectral synthesis and stellar populations
- Low-metallicity galaxies and Population III star searches

Scientific Leadership & Roles

- Member of Science Advisory Committee, HST ULLYSES Legacy Program
- Chair, Stellar Atmospheres and Benchmarking Working Group, XShootU international consortium
- Co-Principal Investigator, POLLUX, high-resolution UV–NIR spectropolarimeter for HWO
- Member of scientific consortia MOSAIC@ELT, ANDES@ELT, CUBES@VLT

Service & governance

- Elected Member, CNAP Section 80 (Astronomy), College A (2023–2027)
- Member, Scientific Council of ATPS (2023–2027)
- Chair, Scientific Council of LAM (2019–2023)
- Elected Member, LAM Laboratory Council Board (2019–2023)

Supervision & Mentoring

- PhD Co-Supervisor, T. Dewachter, Aix-Marseille University (since 2024)
- PhD Co-Supervisor, Elisson Almeida, University of Rio de Janeiro (2015–2018)
- PhD Supervisor, Cyril Escolano (MSc → PhD), 2007–2010
- PhD Co-Supervisor, Claire Martin-Zaïdi, 2003–2006
- Postdoctoral Supervisor, Wagner Marcolino (CNES), 2007–2010
- Supervisor of MSc and engineering-school internships (2017–2023)
- Co-Supervisor of SupOptique internships (2025–2026)

Grants & Funding

- ANR SuperEarly, 2026-2029
- ANR MaSiLU, 2006-2009
- Fellowship (equivalent to Associate Professor), University of Maryland, 2009–2012
- CNES-funded research on ULLYSES and R&T support for the Pollux instrument
- PI/Co-I on observing programs on JWST, HST, ESO (VLT/X-shooter), and CFHT/SPIRou