

Curriculum vitae

Prof Guilaine Lagache

Senior Astronomer

OSU Pythéas, Aix-Marseille Université, Laboratoire d'Astrophysique de Marseille.

Web Page : [here](#)

RESEARCH TOPICS

My work lies at the intersection of extragalactic astrophysics (galaxy formation and evolution, the link between star formation and dark matter halos), cosmology (large-scale structures, CMB and CIB background radiation), and infrared/millimeter observational instrumentation.

FUNDED RESEARCH PROJECTS (selection)

2018	Recipient of an ERC Advanced Grant, CONCERTO project
2017	Recipient of an A*MIDEX “Emergence and Innovation” Grant, CONCERTO project
2015–2018	Co-investigator of the ANR “NIKA2Sky” project
2006–2009	Principal investigator of the ANR “D-SIGALE: The Dark Side of Galaxy Evolution” project

AWARDS AND DISTINCTIONS

2021	CNRS Silver Medal, for my work on star formation in galaxies and on the large-scale structures of the Universe, conducted through far-infrared and millimetric observations, and for my involvement in the Planck mission.
2012	Madame Victor Noury Prize, Grand Prize of the French Academy of Sciences, for my work on the infrared cosmic background (particularly correlated anisotropies), with implications for the interstellar medium of our Galaxy and the evolution of galaxies.
2008	“Young Researcher” Prize of the French Society of Astronomy and Astrophysics.

PUBLICATIONS, SCIENTIFIC OUTPUT

- 420 articles published in peer-reviewed journals (including 72 articles as first author, corresponding author, or among the first three authors (most often after my students and postdocs); >6,000 citations)
- 28 invited talks at international conferences, 41 invited seminars, 26 oral presentations at international (national) conferences or workshops

SUPERVISION OF PhD STUDENTS AND POSTDOCTORAL RESEARCHERS

I have supervised the PhD theses of 10 students. Currently, 3 are in postdoctoral positions, 5 hold positions in the private sector, and 2 have permanent research positions. I have supervised 16 postdoctoral researchers. Currently, 3 are in postdoctoral positions, 5 hold permanent research positions, 7 work in the private sector, and 1 is seeking employment (contract ending mid-2025).

RESEARCH MANAGEMENT AND COMMUNITY ENGAGEMENT

Organization of workshops and conferences (25); participation in numerous committees and bodies (e.g., member of the CSA, chair of the LAM Scientific Council, member of the SEAC of SKA, the SAC of IRAM, and Section 17 of CoNRS, INSU prospectives since 2003, >20 telescope time allocation committees – CFHT, IRAM, Spitzer, Opticon, ALMA); and participation in 21 PhD and Habilitation (HDR) defense juries.

WOMEN AND SCIENCE

Activities to promote the role of women in science: giving talks, workshops, roundtables, and testimonials in middle and high schools; establishing (with A. Alexandre from CEREGE) a mentoring program for early-career female researchers, faculty researchers, and technical staff at OSU Pytheas; participation in the “Mentoring” and “Outreach to Schools” working groups of the association “Femmes & Sciences.”