

Research Activity

- 2022 – **tdy** **French CNRS Researcher, CRISTAL, France**
- 2022 – **tdy** **Associate Researcher, Institut d'Astrophysique Spatiale (IAS), Orsay, France**
- 2016 – 2023 **Guest Researcher, 'Leibniz-Institut für Astrophysik' (AIP), Potsdam, Germany**
- 2022 – 2023 **CAS Fellow, 'Ludwig-Maximilians-Universität München' (LMU), Munich, Germany**
- 2021 – 2022 **Postdoctoral researcher, Institut d'Astrophysique Spatiale (IAS), Orsay, France**
- 2020 – 2021 **Postdoctoral researcher & Lecturer, 'Ecole Normale Supérieure de Lyon' (ENSL), France**
- 2018 – 2019 **CNES Research fellow, 'Centre de Recherche Astrophysique de Lyon' (CRAL), France**
- 2016 – 2017 **Postdoctoral Researcher, 'Observatoire Astronomique de Strasbourg', France**
- 2014 – 2016 **Humboldt Research Fellow, AIP, Potsdam, Germany**
- 2011 – 2014 **Long term research stays, Universities of Lyon/Potsdam/Hawaii (France/Germany/USA)**
- 2009 – 2023 **Summer Schools / Internships, 6 in France, 1 in China / 2 in the USA, 1 in France**

Education and Diplomas

- 2011 – 2014 **PhD in Cosmology, Universities of Lyon/Potsdam (France/Germany), Defense on 06/12/2014**
- 2011 **ENS Lyon additional diploma, France ; high criteria: mobility, language and interdisciplinarity**
- 2008 – 2011 **Bachelor of Science and Master's degree, honors in (Astro)Physics (top 10 %), ENSL, Lyon, leading French scientific institution, entrance exams**

Prizes, Grants and Computer time

- 2025 – 2029 **Project "UNIVERSITWINS", Chair WILL (Welcoming Internationals to Lille), 500 k€**
- 2024 – 2027 **Project "SOLUTION", CNRS-MITI - Mission for interdisciplinary initiatives, ~270 k€**
- 2018 – 2025 **LIA Origins FR-CN & CRAL actions & PNCG(x4) & ASNUM(x2) grants, 26k€**
- 2022 **Ramón y Cajal tenure track, Spain, ~ 240k€, declined**
- 2022 – 2023 **CAS grant with a guest professor position, co-writing, LMU Munich, ~ 55k€**
- 2021 – 2024 **French ANR - PRCI program, co-writing, IAS Orsay / LMU Munich, ~ 357k€/ French side**
- 2017 – 2021 **CNES & ATER ENS Lyon independent postdoctoral & lecturer fellowships, ~ 55+24 k€**
- 2017 **Juan de la Cierva independent postdoctoral fellowship, Spain, ~ 50 k€, declined**
- 2017 **Award 'l'Oreal-UNESCO, for women in science', 20 k€**
- 2016 – **tdy** **PI of 2 projects at LRZ and 1 at TGCC, 67.9 Mcpu-hours + 52 kGpu-hours**
- 2016 – 2023 **Co-PI of 2 projects at TGCC+LRZ, at IDRIS and 2 Gauss proposals, 300 Mcpu.h**
- 2015 – 2022 **Co-I of 3 projects on JURECA, 1 project at LRZ, 6.5+30 Mcpu.h**
- 2016 **Young researcher's prize of Lyon city, 5.4 k€**
- 2016 **66th Lindau Nobel Laureate Meeting, selected and fully funded, ~5 k€**
- 2014 – 2016 **Humboldt independent postdoctoral research fellowship, ~84 k€**
- 2011 – 2014 **Ph.D. grant, Department of the higher education and scientific research, ~102 k€**
- 2009 – 2013 **Explora'sup & 'doc (x3), Mobility (x1) grants, Rhône-Alpes County, ~7.8 k€**
- 2006 – 2011 **Merit Scholarship, Department of National Education, ~31 k€**
- 2005 **Scientific vocation prize, Department in charge of the equality between women & men, 800 €**
- Total, ~1835.0 k€ & 404.4 Mcpu.h + 52 kGPU.h (= 4 M€)**

Teaching and Supervision Activities

- Since** 2015 **Sup., 2 M2, 3 M1, 3 DE-Bachelor-thesis, 2 L3, 1 L2. Co-sup. 2 postdocs, 5 PhDs, 2 M2, 3 M1, 1 L3**
- 2012 – 2019 **Supervision, High School Students' Training, Lyon, France, in April each year**
- 2010 – 2025 **Teaching, computer science, science of the Universe, mathematics, private lessons, total > 660h**

Responsibilities and Scientific Mediation

- Since** 2011 **Responsibilities, EB of the CLUES consortium; 4MOST and Euclid consortia (WP co-lead); Referee for scientific journals, proposals and job applications; member of the SF2A, EAS and IAU; (PhD) defense & evaluation committees; loc, soc, chair; member of unit, administrative and executive councils and of local sustainable development and equity & diversity and junior & high school committees**
- Since** 2004 **Scientific Mediation: >10 types of actions, 4 countries, including 'astroweek', 'La nuit est belle', 'XXelles', EWASS2019 (co-chair), interviews, co-panelist Nobel Laureate, public conferences**

Publications

- Since** 2012 **97 (77 rank A - 4683 citations), 30 (23 rank A - 690 citations) as 1st author (as of 08/25/2025)**

Oral Communications

- Since** 2012 **Colloquia: 44, 29 inst., 10 ctry., Australia, China, GB, FR, Chile, Argentina, DE, IL, US, IT**
- Since** 2012 **Conferences: 59 talks, 7 posters, 42 cities, 19 countries, AUS, BE, GR, FI, CH, GB, DE, FR, DK, IT, US, ES, AT, NL, IL, Vietnam, China, PT, UK**