

Laure CIESLA

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Laboratoire d'Astrophysique de Marseille
38 rue Frédéric Joliot Curie
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Research

Galaxy formation and evolution - Star formation history of galaxies - Determination of physical properties of galaxies - Spectral energy distribution modeling

Positions and Education

2018 - present: CNRS permanent researcher at Laboratoire d'Astrophysique de Marseille
2018: CNES fellow at Laboratoire d'Astrophysique de Marseille
2015-2018: Postdoc at the Astrophysics dep. of CEA (Saclay, France)
2013-2015: Postdoc at the Physics dep. of the University of Crete (Heraklion, Greece)
2009-2012: PhD (supervisor: A. Boselli)
2008-2009: Master in Astronomy and Astrophysics at Paris VII

Publications

86 refereed publications with 3,651 citations

1. *Identification of galaxies that experienced a recent major drop of star formation*; Ciesla L., Elbaz D., Schreiber C., et al. *A&A*, 615, 61
2. *The SFR- M^* main sequence archetypal star-formation history and analytical models*; Ciesla L., Elbaz D., and Fensch J. *A&A*, 608, 41
3. *The imprint of rapid star formation quenching on the spectral energy distributions of galaxies*; Ciesla L., Boselli A., Elbaz D., et al. *A&A*, 585, 43.
4. *Constraining the properties of AGN host galaxies with spectral energy distribution modeling*; Ciesla L., Charmandaris V., Georgakakis A., et al. *A&A*, 576, 10.
5. *Dust spectral energy distributions of nearby galaxies: an insight from the Herschel Reference Survey*; Ciesla L., Boquien M., Boselli A., et al. *A&A*, 565, 128.

Present involvement in scientific projects

- Member of the development team of CIGALE (spectral energy distribution modeling code).
- PI of several observation projects (follow up of submillimeter galaxies).
- Member of the BlueMUSE consortium.

Present responsibilities

- Co-head of the GECO (Galaxies Etoiles et Cosmology) group at LAM
- Elected member of the section 34 of the National University Committee
- Member of the galaxy panel of the ASTRONET (network of European funding agencies) prospective.
- Mentor of the 2021 PhD promotion of LAM
- Member of Scientific Council of LAM

Student supervision

- Lannes M., Master student of "Ecole Centrale"-Marseille.
- Hamed M., co-supervision of M1 internship and M2 internship (Hamed M., Ciesla L., et al. 2021, submitted to *A&A*).
- Aufort G., co-supervision of M2 internship (Aufort G., Ciesla L., et al. 2020, *A&A*, 635, 136).