

Dr. Marie-Aline Martin-Drumel

Researcher at CNRS

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Research experience

- 2017– **CNRS Researcher**, Institut des Sciences Moléculaires d'Orsay, CNRS, University of Paris-Saclay, France.
- 2014–2017 **Postdoc**, *Center for Astrophysics | Harvard & Smithsonian*, Cambridge, MA, USA.
Advisor: Dr. M. C. McCarthy
- 2013–2014 **Postdoc**, *I. Physikalisches Institut*, Universität zu Köln, Germany.
Advisor: Prof. Dr. S. Schlemmer
- 2012–2013 **Research assistant**, *Laboratoire de Physico-chimie de l'Atmosphère*, Dunkirk, France.
Advisors: Prof. G. Mouret, Prof. A. Cuisset
- 2009–2012 **Graduate research assistant**, *Institut des Sciences Moléculaires d'Orsay, CNRS and SOLEIL Synchrotron, AILES beamline*, Gif-sur-Yvette, France.
Advisors: Prof. Ph. Bréchignac, Dr. O. Pirali

Education

- 2009–2012 **PhD in Physics**, *University of Paris-Sud (Paris-Saclay)*, Orsay, France.
Thesis: *Far-infrared spectroscopy of astrophysical molecules (French language)*
- 2006–2009 **BsC, MsC and High level Master in molecular physical chemistry**, *University of Paris-Sud (now Paris-Saclay) and ENS Cachan (now ENS Paris-Saclay)*, Orsay, France.

Scientific production

- 65 publications in peer-reviewed scientific journals *h index: 19 (Google Scholar 07/2022)*
- 38 oral communications in conferences *including 15 invited talks*
- 26 seminars *including 5 outreach seminars*

Awards

- 2021 **CNRS bronze medal**, Early career scientist distinction.
- 2020 **CPPS Prize**, *Paris-Saclay Chemical-Physics federation*, Young Scientist Award.
- 2016 **Miller Prize**, *71st International Symposium on Molecular spectroscopy*, best presentation award for a postdoc.
- 2014 **James Brault Award**, *Journal of Quantitative Spectroscopy and Radiative Transfer*, Young Scientist Award.
- 2011 **Amat-Mills Award**, *22nd Colloquium on High Resolution Molecular Spectroscopy*, best student poster award.

Committees

- 2021– **Member of the Editorial Board of the *Journal of Molecular Spectroscopy*.**
- 2021– **Member of the Physics Graduate School Council of the University of Paris-Saclay.**
- 2020– **Member of the Editorial Board of *Frontiers***, Review Editor for *Frontiers in Astronomy and Space Sciences*, Gold open access review.
- 2020– **Member of the ISMO institute council.**