Clément Hottier

Teaching Post Doc

- 22 June 1992
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Languages

🇫🇷 French	● ● ● ● ●
🇬🇧 English	● ● ● ● ○
🇪🇸 Spanish	● ○ ○ ○ ○

Computing skills –

Python/numpy/scipy/pandas

Java

Fortran/C

bash

Cluster use (slurm)

Professional experiences

2019-	**Teaching Post Doc**	Observatoire de Paris - GEPI
	Study of the Milky Way disk with Gaia 2MASS, UKIDSS and VVV datas.	
2016-2019	**PhD Thesis**	Observatoire de Paris - GEPI
	Study of the Milky Way disk with Gaia and 2MASS.	
March - July 2016	**Master degree intern.**	Institut d'Astrophysique de Paris
	Modeling non-spherical galaxy clusters by the Metropolis-Hasting algorithme.	

Education

2016-2019	**PhD Thesis**	Observatoire de Paris - Gepi
	Milky Way disk structure	
2014-2016	**Masters degree**	Observatoire de Paris
	Astronomy and Astrophysics	

Communications

Publications

2020	**FEDReD II : 3D Extinction Map with 2MASS and Gaia DR2 data**	Submit : A&A
	Hottier *et.al.*	
2020	**FEDReD I: 3D dust and stellar maps by Bayesian deconvolution**	Submit : A&A
	Babusiaux *et.al.*	
February 2019	**Gaia-2MASS 3D maps of Galactic interstellar dust within 3 kpc**	A&A
	Lallement *et. al.*	
August 2018	**Imprints of quasar duty cycle on the 21-cm signal from the Epoch of Reionization**	MNRAS
	Bolgar *et. al.*	

Talk

April 2019	**Dust distribution in the Milky Way**	53rd ESLAB
	Hottier *et. al.*	
July 2018	**Dust and star distribution in the Milky Way disk**	SF2A Proceeding
	Hottier *et. al.*	

Teaching

University

2016-2019	**Tutorials**	Masters degree Obs. Paris
	Quantum Mechanics - Programming	
2016-2020	**Lectures**	Masters degree Obs. Paris
	Programming	
2016-2020	**Observational project**	Obs. Paris
	At the Observatoire de Paris and at the Observatoire de Haute Provence	

Scientific Mediation

2018	**Pint of Science Conference**	Pint of science France
	The Gaia Mission	
2019	**Stars on stage**	Obs. Paris
	Express talk at Grand Rex movie theatre	

Administrative Responsibility

2017-2019	Student representative at Executive Board, Teaching Board and Library Board of the Observatoire de Paris
2019	Steering group member of the new Observatoire Paris Master degree.