

# Clément Hottier

Master Degrees Gravitationnals Systems  
Dynamic

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App 315  
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## Formation

- 2010 **Scientist baccalaureat with honors**, France.  
Physic and chemistry, Latin Option
- 2010-2011 **PACES (Medicine school)**, *Université Lille 2*, Lille, France.  
Not received at contest, Cellular Biology and Histology validated
- 2011-2014 **Fundamental Physic licence**, *Université Lille 1*, Lille, France.  
Graduated with honors
- 2014-2015 **Master 1 Universe's Science and Space Technologies**, *Observatoire de Paris*, Paris, France.  
Graduated with honors

## Internships

- May-June **IMCCE**, *Observatoire de Lille*, Directed by Stéfan Renner, France.  
2014 Co-orbitals satellites simulations  
Writing in C a n co-orbitals satellites simulator  
Data processing and production of animation with GNUPLOT
- April-July **LERMA**, *Observatoire de Paris*, Directed by Benoit Semelin, France.  
2015 Implementation and test of wavelet analysis to analyse 21cm forest  
Quasi-analytical process of intergalactic medium (Epoch of Reionization) spin's temperature considering the brightness of radio loud QASARs

## Computer Tool

Languages	C	Fortran 90
	Python	GNUPLOT
	Shell : Bash	LaTeX
Parallele Pro-gramation	OpenMP	MPI
Operating Systems	Linux	MAC OS

## Languages

- French Mother Tongue
- English Writing B2, Speaking B2
- Spanish Writing A2, Speaking A2

## Miscellaneous

- 2007 **First aid's diploma.**
- 2011 **French driver's licence.**