

Research

- Since 2016 **FWO [Pegasus]² Marie Skłodowska-Curie fellowship with Rony Keppens**
Center for mathematical Plasma Astrophysics – KU Leuven
- 2013-16 **PhD with Fabien Casse & Andrea Goldwurm**
Wind accretion onto compact bodies – APC, Paris Diderot University
- 2011-12 **One-year volunteer internship supervised by Saul Rappaport on**
Monitoring of close-in binaries and short period exoplanets with Kepler
Kavli Institute for Astrophysics – MIT
- Ap-Ag 2010 **BSc internship supervised by Jean-François Lestrade on**
Gravitational perturbations of debris discs by a passing-by star
LESIA – Paris Observatory
- Jn-Jl 2009 **BSc internship supervised by Gérard Belmont & Patrick Robert on**
Resampling of the CLUSTER satellites data
Plasma Physics Laboratory – Paris

Education

- 2013-16 **PhD with Fabien Casse & Andrea Goldwurm** – Paris Diderot University
Wind accretion onto compact bodies
- 2012-13 **Master degree in Astrophysics, with distinction** – Paris Observatory
- 2010-12 **Normalien at the *Ecole Normale Supérieure* of Cachan**
- 2011-12 **Research internship and graduate courses** – MIT, Cambridge
- 2010-11 **French *Agrégation* of Physics & Chemistry** – ENS of Cachan, FR
Rank : 2nd in 1,409 candidates
- 2008-10 **Bachelor degree in Fundamental Physics, with honours** – ENS
- 2006-08 **Preparatory classes to *Grandes Ecoles*** – Lycée Janson-de-Sailly, Paris

Grants & awards

2016	3-years FWO [Pegasus] ² Marie Skłodowska-Curie fellowship
2013-16	3-years PhD fellowship from the Ecole Normale Supérieure of Cachan
2013-16	3-years teaching assistant grant from the Université of Paris 7 Diderot
2011	French <i>Agrégation</i> of Physics and Chemistry
2010-12	2-years <i>normalien</i> study fellowship from the ENS of Cachan

Computing & observing time

2018	XMM-Newton proposal <i>Mapping the wind and accretion in Vela X-1</i> (co-I.)
2017-18	Computing time on the Flemish Tier-1 VSC cluster : 2.5 Mh·CPU
2015-16	Computing time on the French CINES Tier-1 cluster : 600 kh·CPU
2012	1-week observing time at the Mont Mégantic Observatory (Canada)

Supervision & teaching

Supervision

2018-...	Co-supervisor with Jon Sundqvist of a graduate student, Nicolas Moens
2018-...	Member of the supervisory committee of a graduate student, Luka Poniatowski
2018	Reader for Florian Driessen's Master thesis supervised by Jon Sundqvist
2018	Reader for Prem Kumar Bulusu's Master thesis supervised by Hugues Sana

Teaching

2018-19	Lecturer in Computational methods for Astrophysics, 5 th year - KU Leuven
2017-18	Teaching assistant (TA) Linear Algebra, 1 st year - KU Leuven
2016-17	TA Computational methods for Astrophysics, 5 th year - KU Leuven
2014-16	TA Classical Mechanics, 1 st year - Univ. of Paris 7 Diderot
2013	TA Physics for Medical studies, 1 st year - Univ. of Paris 7 Diderot
2013	TA Deterministic systems and signals, 4 th year - Univ. of Paris 7 Diderot
2012-13	Private lessons with the company <i>Cours Thalès</i> - Paris
2011	French <i>Agrégation</i> of Physics & Chemistry
2009-10	High school Gustave Eiffel - Cachan

Community service

Reviewing

2018	Reviewer for The Astrophysical Journal
2018	Reviewer for DiRAC High Performance Computing Tier-1

Outreach

Oc 2017	1h30 radio interview on scientific communication in <i>Faconde</i> - Brussels
Nv 2015	Community manager and webmaster of the Young Physicists Meeting - Paris
Oc 2015	Festival of Science - Paris Diderot University
Sp 2015	3D-printed models and Wolfram interactive applet for the Roche potential
2013	Java applet on Turing theory of morphogenesis - Paris Observatory