

**JOHN A. CARTER**

Associate professor

Date of birth: April, 6, 1985

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Currently residing in France

[www.ias.u-psud.fr/pperso/jcarter/](http://www.ias.u-psud.fr/pperso/jcarter/)**EDUCATION**

- 2011 **Ph.D. in astronomy and astrophysics**  
Institut d'Astrophysique Spatiale, Paris-Sud University, France.
- 2008 M.Sc. by research in astrophysics, Paris Observatory and Paris-Sud University, France
- 2006 B.Sc and Magister in theoretical and applied physics, Paris-Sud University, France

**CURRENT POSITION**

- 2014 – **Associate professor and staff astronomer**  
Paris-Saclay University, Department of Physics, Institut d'Astrophysique Spatiale, France

**PREVIOUS POSITIONS**

- 2013 – 2014 **Postdoctoral Researcher**, Institut d'Astrophysique Spatiale & Centre National d'Etudes Spatiales, Paris-Saclay University, France
- 2011 – 2013 **Postdoctoral Research Fellow**, European Southern Observatory - Santiago, Chile
- 2008 – 2011 **Graduate Research Fellow (PhD student)**, Institut d'Astrophysique Spatiale, Paris-Sud University, France
- 2008 Postgraduate Research Intern (*Master, 2<sup>nd</sup> year*) for 3 months, Institut d'Astrophysique Spatiale, Paris-Sud University, France
- 2007 Postgraduate Research Intern (*Master, 1<sup>st</sup> year*) for 4 months, Caltech Submillimeter Observatory, HI, USA
- 2006 Undergraduate Research Intern (*B. Sc*) for 2 months, Institut d'Astrophysique Spatiale, Paris-Sud University, France
- 2003 Student Research Intern for 1 month, Service d'Aeronomie (*now LATMOS*), Verrières-le-Buisson, France

**FELLOWSHIPS**

- 2012 – 2013 **Postdoctoral Fellowship** (Marie-Curie CoFund) from the European Southern Observatory
- 10-12/2011 Visiting Researcher at the European Southern Observatory – Santiago, Chile

## SUPERVISION AND TRAINING

### PhD supervision:

- 2016 – Co-supervisor (50%), Paris-Saclay University / IAS, France
- 09/2016 Referee and jury member, LAM, Marseilles, France
- 2013 – 2016 Advisor (30%), Paris-Saclay University / IAS, France
- 2012 – 2013 Tutor (5%), ESO - Santiago, Chile

### Other supervision and training:

- 2015 – 2016 Training and initial supervision of research engineer for the MAJIS project
- 2013 – 2017 Supervision of postgraduate (*Master, 2<sup>nd</sup> year*) students
- 2009 – 2016 Supervision of undergraduate (*B. Sc, 3<sup>rd</sup> year*) students, *yearly*

## TEACHING ACTIVITIES

- 2014 – Assistant Professor (*66 hrs/yr*), Department of Physics, Paris-Saclay University, France
- 2008 – 2011 Teaching Assistant (*64 hrs/yr*), Department of Physics, Paris-Sud University, France

## PROJECT ROLES AND MEMBERSHIPS

- 2015 – 2017 **Associate instrument scientist** for the ESA MAJIS/JUICE mission, instrument calibration manager, and **coordinator for a science team work package** on planetary surfaces
- 2012 – 2013 ESO - Paranal Observatory **Instrument Fellow** for SINFONI/VLT
- 2009 – **Associate team member or co-Investigator** of the following instrument consortia: OMEGA/MEX, CRISM/MRO, CIVA/ROSETTA, MicrOmega/HII, ISEM/ExoMars, MicrOmega/ExoMars, SIMBIOSYS/BepiColombo, MAJIS/JUICE, ChemCam/MSL
- 2009 – Member of the European Geosciences Union

## SERVICE AND REPONSABILITIES

- 05/2017 Reviewing panel and hiring **board member** for an associate professor position filled at the Laboratoire de Geologie de Lyon, Lyon University, France
- 06/2017 **Selection committee member** for the 2017-2018 doctoral fellowships of the AAIF doctoral school (*Astronomy and Astrophysics of the Paris Region*)
- 2016 – **Doctoral Training Manager** for the AAIF doctoral school. In charge of mounting training program & sessions for 60+ PhD students.
- 2012 – 2013 **Support astronomer** at the ESO Paranal observatory (80 nights/year)
- 2010 – **Reviewer** for Nature - Geoscience, Icarus, Journal of Geophysical Research, Geophysical Research Letters, Planetary and Space Science, and EPSL
- 2007 **Support astronomer** at the Caltech Submillimeter Observatory (20 nights)