

## Curriculum vitae

*David Kipping MA MSci (Hons) Cantab* (born in Nuneaton, UK, 28 September 1984)  
 University College London, Department of Physics & Astronomy  
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### Education

- PhD in Astronomy, *Modelling the Light Curves of Transiting Planets and Moons* (University College London, March 2011 *expected*), advisor: Dr. Giovanna Tinetti.
- MA in Natural Sciences (Physical), University of Cambridge (2010)
- MSci in Natural Sciences (Physical), University of Cambridge (2007)
- BA in Natural Sciences (Physical), University of Cambridge (2007)

**Research interests** *Extrasolar planets, extrasolar moons, celestial mechanics, signal detection theory, applied statistics*

### Fellowships

- SAO (Smithsonian Astrophysical Observatory) Predoctoral fellow 2009-, Cambridge, USA
- STFC (Science & Technology Facilities Council) studentship for PhD, UK, 2007-

### Awards

- Valerie Myerscough Prize for Physics & Astronomy 2009, awarded by the University of London 28<sup>th</sup> May 2009
- ROE (Royal Observatory of Edinburgh) Award for best presentation at *Habitability in the Galaxy* workshop (Edinburgh, Sept. 2008)

### Committees, Science and Observational Programmes and Service

- Reviewer for Monthly Notices of the Royal Astronomical Society
- Reviewer for Publications of the Astronomical Society of Japan
- Reviewer of the chapter *Transits and Occultations* by Prof. Josh Winn in the book *EXOPLANETS*, University of Arizona Press, editor Prof. Sara Seager
- PI to the observational programme *A unique opportunity: The transiting planet with the longest year* using the Spitzer Space Telescope, IRAC instrument, June 2009. Proposal accepted but observations never made due to technical problems with the Spitzer Space Telescope.
- Co-I to the observational programme *A Search for Exomoons* using the Liverpool Telescope, RISE instrument from March-June 2009

**Computer science** Proficient with F90, F77, IDL, Bash and Mathematica programming.

**Languages** Native English, understanding of French written and spoken

### Teaching

- Laboratory demonstrator to the Physics course, University College London, 2007-2009
- Problem class demonstrator to the Physics course, University College London, 2007-2009

### Students supervised

- Joint-supervisor of Giammarco Campanella of the University of Rome, Italy, along with Dr. Giovanna Tinetti, March-July 2009. Giammarco was a summer student working at UCL on an exomoon project which culminated in a published paper.

**Selected activities for Public outreach**

- Interview with German Public Radio, Apr 2010
- Interview with Sky & Night Magazine podcast, Dec 2009
- Invited speaker to the IYA event 'Your Universe' at UCL, Aug 2009
- Invited speaker to the UCL Astronomy Diploma Club, Jun 2009
- Invited panel speaker for Sci-Fi London science event, May 2009
- Invited author for feature article in Sky & Telescope Magazine, Jul 2009
- Participation to BSN (British Satellite News) daily news broadcast, London, Dec 2008

**Conference Scientific Organizing Committees**

- Local organiser for J. P. Beaulieu and I. Ribas, conference 'Molecules in the atmospheres of extrasolar planets', Paris, Nov 19th-21st 2008

**Participation to scientific meetings**

- Oral presentation, Astrobiology And Planetary Exploration (APEX) seminar, London, Oct 2010
- Oral presentation, European Science Foundation (ESF), Innsbruck, Apr 2010
- Oral presentation, National Astronomical Meeting (NAM), Glasgow, Apr 2010
- Poster presentation, IAU General Symposium, Rio de Janeiro, Brazil, Aug 2009
- Oral presentation, UCL seminar, March 2009
- Poster presentation, 1<sup>st</sup> International CoRoT Symposium, Paris, Feb 2009
- Oral presentation, Open Monthly A&G meeting, Jan 2009
- Oral presentation, RAS Super-Earth specialist meeting, Jan 2009
- Oral presentation, conference 'Molecules in the atmospheres of extrasolar planets', Paris, Nov 2008
- Oral presentation, workshop on 'Habitability in the Galaxy', Royal Observatory, Edinburgh, UK, Oct 2008
- Oral presentation, European Planetary Science Congress, Muenster, Germany, Sep 2008
- Poster presentation, IAU symposium on Transiting Planets, Harvard, Cambridge, MA, USA, May 2008