

## CURRICULUM VITAE — 20/09/2011

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### PROFESSIONAL EXPERIENCE

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Oct 11 – present **Research Associate Professor** in astrophysics (University of Western Australia)  
Jan 11 – Sept 11 **Postdoctoral Researcher** in hydrodynamics (EPFL, Switzerland)  
Feb 10 – Dec 10 **R&D Manager** in the technology company “TWT GmbH” (Stuttgart, Germany)  
Tasks: project leader in the development of alternative cars  
Mai 09 – Jan 10 **Postdoctoral Researcher** in astrophysics (University of Oxford, UK)  
Jan 05 – present **Project coordinator and experimenter on microgravity flights** aboard the Airbus A300 zero-g with the European Space Agency ESA (3 flight campaigns)

### QUALIFICATION

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Mai 06 – Apr 09 **Ph.D. in astrophysics** (University of Oxford, UK) with Prof. Steve Rawlings  
Thesis: “The Cosmic Evolution of Atomic and Molecular Hydrogen in Galaxies”  
Aug 02 – Jun 03 Academic exchange year (Carnegie Mellon University, USA)  
Oct 99 – Feb 05 **M.Sc. in physics** with thesis in quantum physics (EPFL, Switzerland)  
Aug 93 – Sep 99 High school baccalaureate in economics (Gymnasium Friedberg, Switzerland)

### TEACHING

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Jan 11 – present Co-supervision of several Ph.D. students (EPFL, Switzerland)  
Jan 06 – Mai 06 Co-supervision of an M.Sc. student in statistical physics (University of Oxford)  
Aug 02 – Jun 03 1 year teaching assistance for undergraduate physics students (CMU, USA)  
Dec 01 – Feb 02 3 months high school teaching in physics (Gymnasium Friedberg, Switzerland)

### SELECTED EXTRA-CURRICULAR EXPERIENCE

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Aviation: International Private Pilot License (PPL) obtained in June 2008 in Oxford (UK)  
Music: Piano (1988 – 1999); Bass and member of the Inigo Jones Band (2006 – 2009)  
Languages: Fluent in German, French, English  
Honors: Member of the High Honors Dean's List of the Mellon College of Science