

Ricarda Beckmann

I am an early career researcher in numerical astrophysics. I use simulations to understanding the coevolution of galaxies and supermassive black holes across cosmic time, including the impact of black holes on low-redshift galaxy clusters.

RESEARCH EXPERIENCE & EDUCATION

Nov 2017 - | Institut d'Astrophysique de Paris (IAP), France

Postdoctoral Researcher

Oct 2013 - Oct 2017 | University of Oxford, UK

DPhil in Astrophysics

"From seed to supermassive: simulating the origin, evolution and impact of massive black holes"

Oct 2008 - Aug 2012 | Imperial College London, UK

MSci in Physics with First Class Honours

(grade average: 81.1%)

PRIZES & HONOURS

Aug 2012 Ken Allen Prize for **Academic Excellence**

May 2009 - Jun 2012 Stipendiary of the German **National Merit Foundation** (Studienstiftung des Deutschen Volkes)

TEACHING & SUPERVISION

Aug 2019 - Current **PhD project supervisor**, IAP

Apr 2019 - Jul 2019 **Master project supervisor**, IAP

Oct 2014 - Jul 2016 Teaching assistant for Scientific Computing, University of Oxford

LEADERSHIP

Aug 2019 - Member of the Anti-harassment committee, IAP

Oct 2015 - Jun 2017 Graduate **peer support coordinator** for Balliol College Oxford

Oct 2015 - Jul 2016 Graduate mentor in Astrophysics

Oct 2015 - Oct 2016 Division **graduate student representative** for Physics

Oct 2015 - Oct 2016 Graduate living-out officer at Balliol College Oxford

Oct 2014 - Oct 2015 Graduate student representative for Astrophysics

OUTREACH

2014 - 2018 6 outreach talks in Oxford, London & Paris

2015 Organised a **Conference for Undergraduate Women in Physics**, Oxford

2014 - 2015 Science busking, Oxford

2013 - 2017 Organised activities for "Stargazing Oxford"

PUBLICATION SUMMARY

10 accepted refereed publications (**4 as first author**) + 1 submitted

Total of 116 citations, h-index=5

INVITED SEMINARS

11/2018 Université de Toulouse, France

11/2017 IAP, Paris, France

04/2017 University of Oxford, UK

CONFERENCE TALKS

09/2019 Copenhagen, Denmark

07/2018 Sexten, Italy

06/2018 Paris, France

09/2017 Saint-Raphael, France

08/2017 Nice, France

10/2016 Paris, France

09/2016 Edinburgh, UK

06/2016 Heidelberg, Germany

06/2016 Paris, France