

# Imogen Dell Cohort 2016 Imperial College London



Research project: Two-way Interactions of Troposphere and Stratosphere via Radiation, Reflection and Breakdown of Rossby Waves

My undergraduate degree was in Mathematics at University College London and upon graduating, I decided to pursue the MSc in Applied Mathematics at Imperial College. Whilst there, I met a few of the students who were already on the Mathematics of Planet Earth CDT as well as some of the staff. This, together with a desire to use Mathematics in climate change research, encouraged me to apply for the CDT.

The programme appealed to me because it offers a grounding in the basics of Mathematics of Planet Earth and training in the skills to become a good research mathematician. The MRes was an opportunity to really identify what I am most passionate about concerning Mathematics of Planet Earth, before undertaking the PhD in my chosen field.

The cohort-based nature of the CDT means that we have the chance to work amongst and collaborate with like-minded mathematicians. We are regularly encouraged to take part in inter-cohort activities, meaning that we get to know each of the other cohorts as well as the staff. Away from the research, I am particularly enthusiastic about the opportunities to take part in public speaking and outreach activities organised by the CDT, something crucial to communicating the importance of our work."

EPSRC  
Centre for  
Doctoral  
Training

Mathematics  
of Planet Earth

Imperial College  
London

University of  
Reading