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University of Reading

Research project: Probabilistic and uncertainty information in suboptimal filters applied to dissipative PDE's

My name is Lea, I am from Belgium and I'm a second year student on the MPE CDT program. My path to this program is a little different because I returned to academia after 10 years away! I initially obtained a First Class Honours Masters degree in Mathematics from Imperial College London with a focus on Dynamical Systems. Thereafter, I worked in finance and consulting. I always had in mind to return, and when I came across the MPE CDT, I knew it was the right program for me.

What drew me to the program and what continues to drive me in my research is how important and relevant the planet earth theme is right now. I am involved in research that can potentially help to understand and tackle the biggest threat we have at the moment, which is climate change. What is more, I get to combine this with my love of Mathematics. The fact that the there is a theme, does not take away from the Mathematics focus. We work on and learn about a wide range of cutting edge Mathematics, with access to experts in the field both at Imperial College and at Reading University.

What is also impressive about this program, is how rich it is, with weekly seminars featuring invited speakers that are specialists and leaders in their field as well as many personal and skills development workshops, opportunities for internships, tutorials, outings, exhibitions and many more. All this means that I really feel part of a research community. The support of the staff, both administrative and academic, as well as the students themselves, is especially strong and has really surpassed my expectations.