

Pawel Przytarski

University of Genova



City where you work: Genova

Your favorite subject at school: Mathematics

Your favorite movie: Lord of the Rings, all of them, extended edition

Your favorite book: Neverwhere

Hobby: I enjoy traveling and have visited around 40 countries so far. I enjoy most outdoor activities and am a Formula 1 fan.

Your life in three words: Work hard, travel harder (four words cause I break the rules)

EDUCATION PhD from the University of Cambridge

RESEARCH FIELD Gas turbine aerodynamics, turbulence

POSITION Research fellow

AN OBJECT TO BRING ON A MISSION Swiss army knife

TELL US ABOUT YOUR RESEARCH My research concerns unsteadiness in gas turbines. Specifically, I am interested in multi-scale unsteady interactions within a multi-stage compressor of a jet engine. For this purpose, I perform large scale simulations of flows in order to understand the turbulent flow behavior and its dynamics. This work has a potential to improve our current understanding of turbulence, especially for industrial flows, and establish a new paradigm for flow modelling.

TELL US ABOUT YOUR TYPICAL DAY AT WORK My typical day includes a coffee break or two and a lunch break. In between of them I try to work which typically consists of me looking into the distance thinking deeply about what turbulence is doing right now. I also do quite a bit of coding, using supercomputers, analyzing large amounts of computational fluid dynamics data, writing papers and a lot of frustration at when things go wrong.