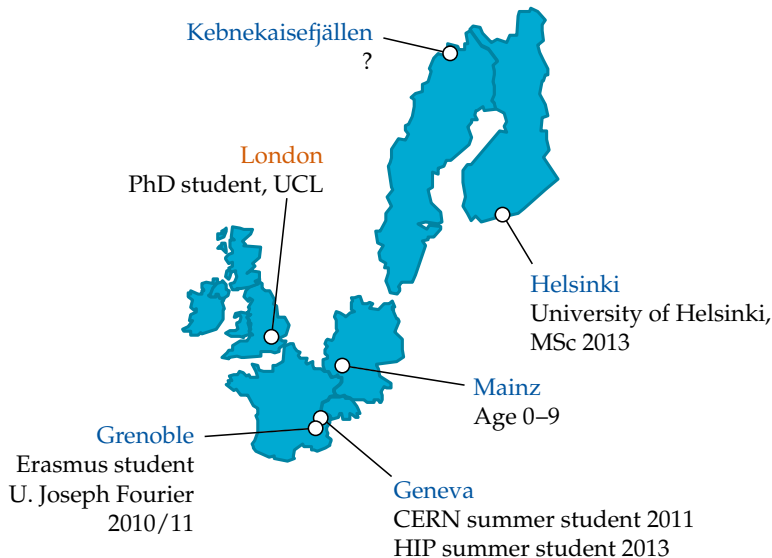


# Stefan Richter (University College London)



# My PhD: experiment and theory

## General

*x* UCL HEP group

*t* Autumn 2013 to some time in 2016/17

Supervisors **Emily Nurse, Keith Hamilton**

Collaborations ATLAS, MCnet

## Up ahead

ATLAS experiment Authorship qualification task (6 months, on MC)

**Z/H produced via vector boson fusion**

Monte Carlo Learn about NLO, PS, and their matching

Investigate truncated shower issues

**Using and comparing generators to data in ATLAS  
analysis of VBF Z/H**