Title of PhD project / theme	**Modelling and forecasting of infectious disease dynamics**
Supervisory team	Sebastian Funk + others
Brief description of project / theme	We can offer projects in mathematical modelling of infectious disease dynamics, with a particular focus on analysis and forecasting of acute outbreaks of measles, chickenpox, influenza, vector-borne diseases and emerging infectious diseases.
Particular *prior* educational requirements for a student undertaking this project	A good grasp of a statistical or programming language (e.g. R, python or similar) will be of required.
Skills we expect a student to develop/acquire whilst pursuing this project	Mathematical modelling of infectious diseases. Bayesian inference.