### GENERAL INTRODUCTION

**Lecture 1:** The logic of conditionals: The standard view

**Tutorial 1:** Challenges for the similarity approach

**Lecture 2:** Bayes Nets and Causal Bayes Nets

**Tutorial 2:** Counterfactuals as Interventions

### SPECIFIC TOPICS

**Seminar 1 (Practicum, part 1):** 3 challenges for the framework  
(*I will first introduce the challenges individually, then you can choose and work in groups on one of them for 40 minutes*)

**Seminar 2:** The relation between the similarity approach and the causal approach

**Seminar 3:** Using Logic Programming to model causal inferences

**Seminar 4 (Practicum, part 2):** presentations and discussion  
(*each group will shortly present their ideas, we will discuss them and I will comment on the state of the arts on each of the challenges*)