

Prof. Michael Baumgartner (michael.baumgartner@unige.ch)
Prof. Marcel Weber (marcel.weber@unige.ch)
Prof. Christian Wüthrich (christian.wuthrich@unige.ch)
Département de philosophie
Université de Genève

General Philosophy of Science

SE2, AN, Me 12-14, A206

Modules: MA1/2/4/5

24 Feb	Introduction, covering Weisberg, Ch. 1 ('Introduction') and Ch. 2 ('Three kinds of models')
2 Mar	Weisberg, Ch. 3 ('The anatomy of models')
9 Mar	Weisberg, Ch. 4 ('Fiction and folk ontology')
16 Mar	Weisberg, Ch. 5 ('Target-directed modeling')
23 Mar	Weisberg, Ch. 6 ('Idealization')
30 Mar	No seminar (vacances)
6 Apr	Weisberg, Ch. 7 ('Modeling without a specific target')
13 Apr	Weisberg, Ch. 8 ('An account of similarity')
20 Apr	Weisberg, Ch. 9 ('Robustness analysis and idealization')
27 Apr	Dawid, Ch. 1 ('String theory')
4 May	Dawid, Ch. 2 ('The conceptual framework') and Ch. 3 ('The assessment of scientific underdetermination in string theory', perhaps without § 3.5)
11 May	Dawid, Ch. 5 ('Scientific underdetermination in physics and beyond')
18 May	Dawid, Ch. 6 ('Final theory claims')
25 May	Dawid, Ch. 7 ('An altered perspective on scientific realism')

Bibliography

Michael Weisberg (2013). *Simulation and Similarity: Using Models to Understand the World*. New York: Oxford University Press.

Richard Dawid (2013). *String Theory and the Scientific Method*. Cambridge: Cambridge University Press.