

Decision problems and theories: introductions

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Course organisation and goal

What? Introductory lectures (each 12h) about:

- Decision under uncertainty (Sébastien)
- Multi-criteria/objective decision and preferences (Khaled)

We have a moodle, and a mail.

Why? Provide an overview of the above topics, and the proposed models/solutions.

Remember, this is about giving you an overall picture of various approaches, as comprehensive as possible, but

- we will not cover everything, only most important aspects
- if you want the hard-core theory and details, we can/will give pointers
- 12H/topic is short, stay focused!

Course evaluation

What? Read a scientific paper related to one (or several) part of the course, either

- Proposed by us (see list on moodle), or
- Proposed by you and validated by us.

How?

- Groups of 3 or less
- **Illustrate** the paper through a chosen medium: report containing a running example, code (+ doc) making a method work, proposal of a way to experiment the paper
- Make a poster of the paper content, to be presented in last 2 hours of the course

We remain available to discuss **specific points** about the papers