

Organization of the Course

Christian Wüthrich

<http://www.wuthrich.net/>

MA Seminar: Philosophy of Physics
Fall 2015

`http://www.wuthrich.net/teaching/_MA6_PhilPhys.html`

There, you can find:

- seminar description
- list of course readings
- schedule with lecture notes (presentation slides)
- news pertaining to this course
- background material

Format of the seminar

The format of this seminar is somewhat different from what you may be used to:

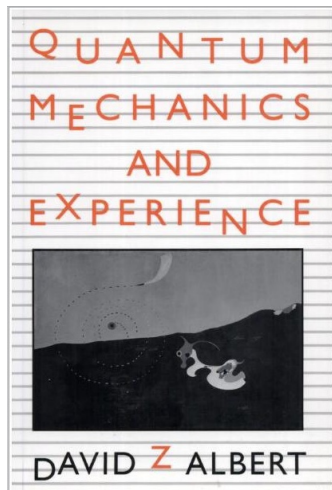
- Apart from some presentations by participants, I will often be lecturing (though informally).
- Although most of the course will be on the philosophy of quantum mechanics, we will have some external speakers in connection with my large research project 'Space and Time after Quantum Gravity'. For more information, please see <http://beyondspacetime.net/space-and-time-after-quantum-gravity/>.
- Some of the talks by external speakers will be on Wednesdays, 16:15-17:45 (Landolt L107) and hence **not mandatory**.
- I will continue to teach the seminar/research group in Spring Semester (on non-locality and spacetime), but the participation in Spring **is in no way mandatory and will not earn you any credits**.

Office hours: by appointment

Office 410, Landolt
2 rue de Candolle (4th floor)

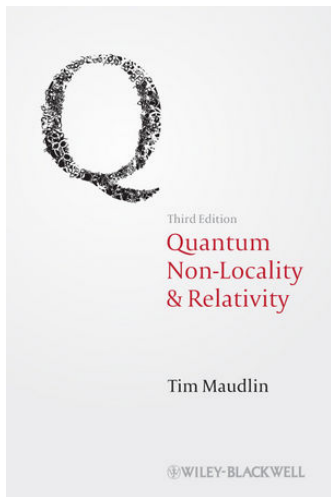
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Required texts



David Z Albert, *Quantum Mechanics and Experience*, Harvard University Press, 1992. This book is available at <http://www.amazon.fr/> for EUR 20,57.

The plan is to make all other texts available electronically, either on the course website or through chamilo at <https://chamilo.unige.ch/>.



Tim Maudlin, *Quantum Non-Locality and Relativity*, 3rd edition. Wiley-Blackwell 2011. This book is available at <http://www.amazon.fr/> for EUR 36,23.

Course requirements and evaluation

- 1 MA6, Spécialisation philosophique 1: Travail écrit de recherche avec soutenance (env. 25 pages, 50'000 signes)
- 2 MA7, Spécialisation philosophique 2: Travail écrit de recherche (env. 12 pages, 24'000 signes) et présentation orale durant le séminaire
- 3 Demi-module MA8, Complément de sp'ecialisation: Travail écrit de recherche (env. 12 pages, 24'000 signes) ou présentation orale durant le séminaire

Note: Please let me know in time if you need or want to give a seminar presentation.