
Announcement of a lecture (21353a, 2 hrs / week) with exercises (21353b, 2 hrs / week)

Introduction to Relativistic Quantum Chemistry

Topics:

- Elements of Classical Mechanics
- Elements of Electromagnetism
- Special Relativity
- Quantization and Spin
- Dirac Equation
- One-Electron and Many-Electron Systems
- Methods in Relativistic QC
- Effective Core Potentials
- ...

Dates and times:

Lectures (starting 22-Oct-2012)

every Monday, 10h00 – 12h00, SR 24.16, Takustr. 3

Tutorials / Computer Lab (starting 24-Oct-2012)

every Wednesday, 12h00 – 14h00, PC pool, Library, Takustr. 3

Please note:

No lecture on Monday, 12-Nov-2012!

Last lecture / tutorials in week 6 of 2013!

- Credit points: 5 (Master Programme in Chemistry).
- The lecture and the tutorials will be in English.

For more information see <http://userpage.fu-berlin.de/~dandrae>