

# Particle Physics: The Standard Model

Dirk Zerwas

LAL  
zerwas@lal.in2p3.fr

March 14, 2013

## Lectures and Tutorials

- Thursday
- 9:00-10:00
- 10:15-11:15
- 11:30-12:30
- 2/3 lectures
- 1/3 tutorial
- Tutorial only: 21.3. and 30.5.

## Contact

- Email: zerwas@lal.in2p3.fr
- Telephone: 01 64 46 83 05
- In person: LAL (Orsay)  
Bld. 200 Office 153
- When? anytime (I really mean it)!

## Validation of course

1 week home exam at the end of the semester. Participation in course and problem solving sessions is a plus!

## Literature

- Course slides will be available at <http://indico2.lal.in2p3.fr/indico/categoryDisplay.py?categId=173> after every course (slight delays possible)
- F. Halzen and A. Martin: Quarks and Leptons
- Chris Quigg: Gauge Theories of the Strong, Weak and Electromagnetic Interactions
- O. Nachtmann: Elementary Particle Physics

**There are no dumb questions, only dumb answers!**

Ask questions before/during/after the course at anytime!

## Commercial Break

- School on LHC physics
- date: 7.7.-19.7.
- Venue: Goettingen (Allemagne)
- Master students from Europe
- <http://hasco.uni-goettingen.de/>
- travel paid at 90% as well as lodging and food (so about 50Euros for roughly 2 weeks)
- 3 places reserved (U Paris-Sud helpful)
- if interested, talk to me :)
- Application deadline: 28.03.