

Practical Information for the course PHY3004: "Nuclear and Particle Physics"

Lecturers:

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The lectures take place on Mondays during the period: Oct 26 – Nov 30 at 13h30 – 15h30.

The tutorial sessions will be on:

Group-1: Mondays 16h00 – 18h00 and Thursdays 13h30 – 15h30, [zoom link group 1](#)

Group-2: Mondays 16h00 – 18h00 and Thursdays 16h00 – 18h00, [zoom link group 2](#)

The exam will take place on Monday Dec 7 from 13h30 – 15h30 (16h00).

PHY3004 Nuclear and Particle Physics is a 3rd year bachelor course that touches shortly on Nuclear Physics but has a main focus on Particle Physics. It serves as a preparatory course for a subsequent master study on (Astro-) Particle Physics.

The main literature for the course is:

- David Griffiths: "Introduction to Elementary Particles", second revised edition,
- Lecture notes of the Nikhef master course Particle Physics 1.

Additional literature, somewhat more advanced:

- Mark Thomson: "Modern Particle Physics",
- Francis Halzen and Alan D. Martin: "Quarks & Leptons: An Introductory Course in Modern Particle Physics".