

**Project:** Developing numerical exercises for FY3403 Particle Physics

**Project description:**

Exercises in particle physics contain often tedious calculations of traces over gamma matrices or rather complicated phase space integrals. Aim of this project is to develop exercises, based on jupyter notebooks (?), which introduce students to the use of algebraic/numerical computer programs which can help do these jobs.

**Qualifications:**

Some knowledge of python, jupyter notebooks. Student should have taken or is taking particle physics FY3403.

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**Deadline:** -