

Secondary Area of Specialization

Theoretical Particle Physics (Bonn)

status quo 08.05.2012

General Information

The lectures of this subject are usually taught at Bonn University but the credit points are recognized for the Master of Physics in Cologne either as a Secondary Area of Specialization (Physikalisches Nebenfach, 8 credit points) or as one of the Elective Subjects (Wahlfach Master, 4-12 credit points such that both Elective Subjects cover together 16 credit points). The credit points for the second Elective Subject have to come from a different subject. Within the Bonn Cologne Graduate School of Physics and Astronomy also joint lectures or video transmission of lectures are organized.

Contents

For introduction, the lecture Theoretical Particle Physics, physics615, is strongly recommended.

Literature

See description of lectures

Organization

See rules for examinations below.

Examinations

Each lecture is a separate course with a separate examination at Bonn University. Details and the format of the examination are given in the description of each lecture. The credit points and marks of examinations are recognized for the Master of Physics at Cologne University as a Secondary Area of Specialization (8 credit points) or as one of the Elective Subjects (4-12 credit points such that both Elective Subjects cover together 16 credit points). The credit points for the second Elective Subject have to come from a different subject.

Aims

Knowledge of theoretical particle physics

Prerequisites for Participation

See description of lectures

Prerequisites

See description of lectures

Frequency

See description of lectures

Soft Skills

See description of lectures

Use in Other Courses of Study

None

Coordinators

Head of the examination board Master