Module title
Current Topics of Theoretical Physics

Abbreviation
11-EXT8-Int-201-m01

Module coordinator
chairperson of examination committee

Module offered by
Faculty of Physics and Astronomy

ECTS
8
Method of grading
numerical grade
Only after succ. compl. of module(s)

Duration
1 semester
Module level
graduate

Other prerequisites
Approval from examination committee required.

Contents
Current topics in theoretical physics. Credited academic achievements, e.g. in case of change of university or study abroad.

Intended learning outcomes
The student possesses deepened knowledge meeting the requirements of a module in theoretical physics on Master's level. He/She commands advanced technical knowledge in a current field in theoretical physics and masters the respective methods. He/She is able to apply these methods to current problems in theoretical physics.

Courses
(type, number of weekly contact hours, language — if other than German)
V (4) + R (2)
Module taught in: English

Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes per candidate) or d) project report (approx. 8 to 10 pages) or e) presentation/talk (approx. 30 minutes).
If a written examination was chosen as method of assessment, this may be changed and assessment may instead take the form of an oral examination of one candidate each or an oral examination in groups. If the method of assessment is changed, the lecturer must inform students about this by four weeks prior to the original examination date at the latest.
Language of assessment: English

Allocation of places
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Additional information
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Referred to in LPO I
(examination regulations for teaching-degree programmes)
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Module appears in
Master's degree (1 major) Physics International (2020)