

17.01.2023

[Hamburg International Summer School 2023: Particles, Strings & Cosmology]

[Module: 2]

[Course 2c: String Theory]

[Course description]

**Title: String Theory**

Lecturer: Emanuel Malek, PhD

Course duration in academic hours: 12 hrs

Credits (ECTS): 4 credits in combination with course 2a and 2b

Course description:

String theory is a promising candidate for a unified theory of all particles and interactions that also encompasses a quantum theory of gravity. This course gives an elementary introduction to string theory with focus on classical and quantized bosonic strings, interactions, D-branes and superstrings.

Notice: The program is subject to change.

In cooperation with:

