UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Advanced Theoretical Physics B

2526-113R017

Title

Advanced Theoretical Physics B

Teacher(s)

TBD

Language

english

Short description

The course will introduce the modern framework of higher-form and non-invertible symmetries, highlighting their role in quantum field theory and condensed-matter systems.
Emphasis will be placed on how these generalized symmetries reshape our understanding of phases, dualities, and dynamics.
If time allows, key examples (on QFT, quantum gravity, and theoretical condensed matter physics) will be discussed

CFU / Hours

2CFU/16hrs

Teaching period

second term (TBC)

Sustainable Development Goals

QUALITY EDUCATION