



# SEMINAR IN THE WINTER TERM 2023/24

## TWISTS ON STRINGS

### Description

String theory remains a most promising candidate as a fundamental theory of nature, and a source of inspiration for mathematics. Following a thorough review of the basics, this seminar will cover the background and some recent developments in understanding twisted versions of various dualities, and especially the AdS/CFT correspondence.

### Prerequisites

Knowledge of String Theory at the level of the two-semester sequence taught by Prof. Walcher in the academic year 2022/23, ideally complemented by the Mathematical Aspects series of Dr. Noja.

### Credits

The course is listed as “Masterseminar” in both Physics and Mathematics. In addition to a 1hr talk, regular attendance is a mandatory common sense courtesy. The language of instruction is English.

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### Organization

- If you are interested in participating and receiving credit and/or updates, please register in Müsli your earliest convenience. Talks will be assigned during the organizational meeting on

**Friday, July 21, 2023, at 14h00 (s.t.) in SR 7 Mathematikon**

- Starting on October 17, the seminar will meet every Tuesday from 16-18h in the Mathematikon SR
- Contact: Dr. Noja: [noja@mathi.uni-heidelberg.de](mailto:noja@mathi.uni-heidelberg.de), F. Hahner: [fhahner@mathi.uni-heidelberg.de](mailto:fhahner@mathi.uni-heidelberg.de), Prof. Walcher: [walcher@uni-heidelberg.de](mailto:walcher@uni-heidelberg.de)
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