

Ilka Brunner (LMU München)  
Nils Carqueville (Universität Wien)  
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Simone Noja (Universität Heidelberg)  
Ivo Sachs (LMU München)  
Johannes Walcher (Universität Heidelberg)

JOHANNES GUTENBERG  
UNIVERSITÄT MAINZ



# RIND seminar on Mathematical Physics and String Theory

May 22, 2023 at 11 a.m.  
None

Joint seminar series on Mathematical Physics and String Theory

Kantaro Ohmori  
Tokyo

## **Non-supersymmetric Heterotic Branes**

The common statement that any consistent quantum gravity theory contains dynamical objects with all possible charges suggests that there are still a number of hitherto-unidentified branes in string theory. Such charges are classified by the bordism classes in the working EFT. In this talk I will describe some of those charges and then discuss plausible worldsheet descriptions of strings near the corresponding branes.

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