

Ilka Brunner (LMU München)
Nils Carqueville (Universität Wien)
Hans Jockers (JGU Mainz)
Peter Mayr (LMU München)
Simone Noja (Universität Heidelberg)
Ivo Sachs (LMU München)
Johannes Walcher (Universität Heidelberg)

JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



RIND seminar on Mathematical Physics and String Theory

Jan. 9, 2023 at 4 p.m. c.t.
Munich

Joint seminar series on Mathematical Physics and String Theory

Nicolo Piazzalunga
Uppsala U.

The index of M-theory

I'll introduce the higher-rank Donaldson-Thomas theory for toric Calabi-Yau three-folds, within the setting of equivariant K-theory.

I'll present a factorization conjecture motivated by Physics.

As a byproduct, I'll discuss some novel properties of equivariant volumes, as well as their generalizations to genus-zero Gromov-Witten theory of non-compact toric varieties.

Contact:
Mascha Ringe

userID: mringe
userID@uni-mainz.de