



INVITATION

as part of the Mathematical Physics Theory Seminar

to the talk by

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on

“From exceptional geometry to matrix models“

Abstract:

Gravity-matter systems with non-abelian gauge symmetry can be constructed using the language of exceptional geometry and exceptional field theory.

I will first review some general aspects of this construction and then focus on the case of two-dimensional gravity where one can construct generalizations of Jackiw-Teitelboim gravity, in particular theories that are expected to be dual holographically to the M-theory matrix model.

Time: Tuesday, 8 October 2024, 2:00 p.m.

Location: Erwin-Schrödinger-Hörsaal, 1090 Vienna, Boltzmannngasse 5, 5th floor