



INVITATION

as part of the Mathematical Physics Theory Seminar

to the talk by

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on

“Quantum Vacua of Orthosymplectic Chern-Simons Matter Theories”

Abstract:

Supersymmetric quantum field theories with eight supercharges exhibit moduli spaces of vacua with rich mathematical structure, encoding fundamental physical processes. Amongst the tools to study such moduli spaces, the magnetic quiver program offers a systematic approach across the landscape of theories ranging from three to six spacetime dimensions.

In this talk, I will present a first approach to a magnetic quiver framework that captures the moduli space of $N=3$ orthosymplectic Chern-Simons Matter theories in three spacetime dimensions.

Based on work [arXiv:2509.11733] with F. Marino and M. Sperling.

Time: Tuesday, 28 October 2025, 2:00 p.m.

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