



# INVITATION

as part of the Mathematical Physics Theory Seminar

to the talk by

**Cathérine MEUSBURGER**  
(Friedrich-Alexander-Universität Erlangen)

on

***“Dijkgraaf-Witten TQFT with defects”***

**Abstract:**

We give a gauge theoretical construction of 3d Dijkgraaf-Witten TQFT with defects. It does not require choices of triangulations, allows an easy computation of examples and can be applied to defects in Kitaev's quantum double model.

This is joint work with João Faria Martins, arXiv: 2410.18049

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**Time: Tuesday, 24 March 2026, 2:00 p.m.**

**Location: Erwin-Schrödinger Lecture Hall, 1090 Vienna, Boltzmannngasse 5, 5<sup>th</sup> floor**