



INVITATION

as part of the Mathematical Physics Theory Seminar

to the talk by

Robert OECKL
(University of Vienna)

on

***“Compositional quantum field theory:
An axiomatic framework and its applications”***

Abstract:

We review aspects of the axiomatic program of compositional quantum field theory from its origins in TQFT to its aspirations in quantum gravity. We present some of its applications so far: From a generalized S-matrix via evanescent particles to the time-of-arrival problem. We point out open problems and some future directions.

Time: Tuesday, 25 March 2025, 2:00 p.m.

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