



LUDWIG-
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MÜNCHEN

ARNOLD SOMMERFELD
CENTER FOR THEORETICAL PHYSICS



Arnold Sommerfeld Lecture Series

Professor Yaron Oz

Tel Aviv University

Research Seminar:

Entanglement, Chaos and Quantum Computation

We consider information spreading measures in randomly initialized variational quantum circuits and introduce entanglement diagnostics for efficient computation. We study the correlation between quantum chaos diagnostics, the circuit expressibility and the optimization of the control parameters.

Thursday, May 4, 2023, 16:15 h, Room A348, Theresienstr. 37, LMU,
and via Zoom

Dieter Lüst and Slava Mukhanov