



Lecture course, summer semester 2026:

## Introduction to the Theory of Quantum Chaos

- Nonlinear dynamics and chaos in dynamical systems
- “Quantum Chaos: is there any?”
- Quantum signatures of chaos
- Quantum localization
- Quantum-mechanical stochastic webs

The lectures will be done as five full-day block sessions during summer vacation time — a short **“Summer School on Quantum Chaos”**:

Sat 01.08.2026 and Sun 02.08.2026

Sat 15.08.2026 and Sun 16.08.2026

Sat 22.08.2026

Dates to be confirmed with the participants in the **Introductory Session**:

**Fri 24.04.2026, 3:15-4:45 pm, KP 404, Inst. of Theoretical Physics**

Everybody is welcome to join. In case you cannot make it to the introductory session, please get in touch with me to be briefed about the details.