



Lecture course, summer semester 2024:

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 held as **several full-day sessions on weekends**, either during Vorlesungszeit or summer vacation time — making the course a short **Summer School on Quantum Chaos**. Details including session dates, and whether the lectures will be done in English or German, will be decided in the

Introductory session:

12.04.2024 (Friday), 16:15–17:45, KP 404

If you are interested but cannot make it to the introductory session, please get in touch with me to be briefed about the details.