

Journal Club on Quantum Information Theory (WS 21/22)

Institute for Theoretical Physics III, D.Bruß

Wednesdays, 10:30 – 11:30, building 25.32.03, room 51

Topics: The idea of this seminar is that every participant presents a paper about current research related to the field of Quantum Information Theory. Topics include typically the theory of entanglement and quantum correlations, quantum communication and quantum cryptography, state estimation, non-locality, quantum networks, and other quantum effects in various contexts.

Requirements: Good knowledge in quantum mechanics and other concepts of theoretical physics. Fundamental knowledge in Quantum Information Theory (e.g. via attending the lecture on “Theoretical Quantum Optics and Quantum Information”).

Benefit: 3 credit points as “Ergänzungsmodul” and many interesting talks.

First Meeting: The Journal Club starts on

Wednesday, 13.10.2021, 10:30, in this Webex room:

<https://hhu.webex.com/meet/fgrasselli>

for organization and choice of topics (own proposals are welcome but not necessary).