

Journal Club on Quantum Information Theory (SS 2023)

Institute for Theoretical Physics III, D. Bruß

Wednesdays (likely swap to Tuesdays after first week), 10:30h –
12:30h, seminar room 25.32.03.51

Topics In this seminar, 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 of quantum mechanics and other concepts of theoretical physics. Fundamental knowledge in Quantum Information Theory (e.g., via attending the lecture “Theoretical Quantum Optics and Quantum Information”).

Benefit 3 credit points in “Wahlpflichtbereich” (PO 2019) or “Ergänzungsbereich” (PO 2012) and many interesting talks.

First meeting The Journal Club starts on

Wednesday, 11.10.2023, 10:30h in seminar room 25.32.03.51

with organization and choice of topics. Own proposals are welcome but not necessary. Please note that this may be swapped to Tuesdays at 10.30h for the rest of the semester.

Link to LSF



Location

