

Journal Club on Quantum Information Theory WS 2020/21

Institut für Theoretische Physik III (Quantum formation)

Prof. Dr. D.Bruß

Wednesday 10:30 - 11:30

ONLINE

Talk duration: 45 minutes

Organization: sarnava.datta@hhu.de

Date	Name	Title	Literature
4.11	C.Liorni	Atom-light hybrid quantum gyroscope	arxiv.2009.06166 (2020)
11.11	G.Gianfelici	Unified approach to witness non-entanglement-breaking quantum channels	Phys. Rev. A 101, 062301 (2020)
2.12	N.Wyderka	Entropy scaling law and the quantum marginal problem	arxiv.2010.07424 (2020)
9.12	G.Carrara	The energy requirement of quantum processors	arxiv.1908.10884 (2019)
16.12	F.Grasselli	The dispute between Bernstein and Renner	arxiv:2010.11961v1 (2020)
6.1	S.Datta	A Generalized Measure of Quantum Fisher Information	arxiv.2010.02904 (2020)
13.1	L.Tendick	Nonlocality claims are inconsistent with Hilbert-space quantum mechanics	PHYSICAL REVIEW A101, 022117 (2020)
20.1	T.Wagner	Topological wormholes	arxiv.1909.07419 (2019)
27.1	G.Murta	Towards correlation self-testing of quantum theory in the adaptive Clauser-Horne-Shimony-Holt game	arxiv.2009.05069 (2020)
3.2	Jonathan	Stable Facts, Relative Facts	arxiv.2006.15543 (2020)
10.2	S.Jansen	On the reality of the quantum state	DOI: 10.1038 / NPHYS2309 (2012)