

FOR5522 collaboration meeting on Hilbert Space Fragmentation

Date: 4th -5th April 2024

Location: PH 3344, Seminarraum Theorie, TUM (James-Franck-Str. 1, 85748 Garching)

Workshop schedule

Thursday, 4th April

- 08:45 Opening
- 09:00 **Sanjay Moudgalya** - Introduction to Hilbert Space Fragmentation
- 10:30 Coffee Break
- 11:00 **Heiko Menzler** - Quantum East model with quenched disorder
- 12:00 Lunch and discussions
- 14:00 **Maria Cea Fernandez** - Tensor network in open systems and connections to kinetically constrained models
- 15:00 Coffee break
- 15:30 Discussion of open questions
- 16:30 Flash talks for posters
- 17:00 Poster session

Friday, 5th April

- 09:00 **Daniel Adler, Melissa Will** - Realization of HSF in cold atom systems
- 10:30 Coffee Break
- 11:00 **Yahui Li** - Entangled steady states in open systems with non-Abelian symmetries
- 12:00 Lunch and discussions