

Session Program

19-20 Jan 2026

Collaboration Meeting on Lattice Gauge Theory

Teaser Talks

MPQ Garching
Hans-Kopfermann-Str. 1 85748 Garching

Monday 19 January

17:00

Teaser Talks

Session | **Location:** MPQ Garching, Hans-Kopfermann-Str. 1 85748 Garching

17:00–17:10 **Stability of subdiffusion in dipole-conserving models**

Speaker

Francisco Guzman Cajica

17:10–17:20

Realization of a large-scale (2+1)D U(1) lattice gauge theory with ultracold atoms

Speaker

Simon Karch

17:20–17:30

Graph energy centrality and slow dynamics

Speaker

Heiko Georg Menzler

17:30–17:40

Dynamics of 2D fermionic lattice gauge theories

Speaker

Rafał Świątek

17:40–17:50

Floquet Many-Body Cages

Speaker

Tom Ben-Ami

17:50–18:00

Quantum Hard Disks and Their Relation to Cages

Speaker

Vighnesh Naik

18:00–18:10

Characterizing dynamical criticality of many-body localization transitions from a Fock-space perspective

Speaker

Zhenghang Sun

18:10–18:20

Cooling dynamics of a disorder-free localized Kitaev model

Speaker

Arkadeep Mitra

18:20