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# Workshop on Quantum Simulators of the Future: From Dynamical Gauge Fields to Lattice Gauge Theories | (smr 3922)

## Thursday 22 February 2024

### Session IX (chair: Marcello Dalmonte, ICTP) - Giambiagi Lecture Hall (AGH) (14:30-17:00)

time	title	presenter
14:30	Quantum simulation of lattice gauge theories with qudit systems	PHILIPP HAUKE
15:15	Coupled spin-phonon dynamics in Rydberg tweezer arrays	MATTEO MAGONI
15:35	Sub-lattice quantum many body scars in a two dimensional Abelian gauge theory	PAOLO STORNATI
15:55	Quantum Many-Body Scars in $U(1)$ Lattice Gauge Theories Beyond Spin-1/2	JOAO CARLOS PINTO BARROS
16:15	Closure & Coffee break	MARCELLO DALMONTE