

Delcamp - Dualities in quantum lattice models - 1

Thursday, 12 March 2026 15:00 (1 hour)

I will present a category theoretic framework to systematically study dualities between quantum lattice models. After discussing the interplay between twisted boundary conditions and charge sectors under such dualities, I will show how to construct isometries that relate the spectra of dual models. Along the way I will give practical tricks to apply the framework to your favourite condensed-matter systems.