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DT invariants of local CY 3-folds from Galois coverings of BPS quivers

Friday, 6 June 2025 10:00 (1 hour)

After reviewing some basics of BPS state counting and of BPS quivers from a physics perspective, I will discuss new relationships between moduli spaces of quiver representations and between quiver DT invariants of distinct quivers which are related by so-called Galois covering functors. The new relationships are particularly interesting for quivers associated to canonical singularities that admit a NCCR.

Presenter: CLOSSET, Cyril (University of Birmingham)