

# CMI Mathematics Colloquium

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## Enumerative invariants from categories

Yash Deshmukh

Categorical enumerative invariants are purely algebraic, Gromov–Witten like invariants associated with categories with suitable properties. In the case of Fukaya categories, these are expected to recover the Gromov–Witten invariants of the underlying symplectic manifolds. After an overview of the mirror symmetry background, I will describe the steps needed to relate the categorical invariants with the geometric ones and report on some ongoing work in this direction.