

Penka Georgieva : Klein TQFT and real Gromov-Witten invariants

vendredi 16 juin 2023 09:30 (1 heure)

TQFT structures appear in relation with Gromov-Witten invariants in at least two separate occasions. In this talk I will explain how the Real Gromov-Witten theory of local 3-folds with base a Real curve gives rise to an extension of a 2d Klein TQFT. This gives strong implications for the structure of the invariants on any compact Calabi-Yau 3-fold with anti-symplectic involution.