## At the crossroads of physics and mathematics: the joy of integrable combinatorics (Philippe60)



ID de Contribution: 19 Type: Non spécifié

## **Branes and Supersymmetric Gauge Theories**

mardi 25 juin 2024 12:00 (30 minutes)

This talk will go over various brane constructions which arise in superstring theories and give rise to quiver gauge theories, emphasizing the combinatorial aspect of these physical systems. We will try to cover connections with mathematical topics in tropical geometry, brane tilings, cluster algebras, and symplectic singularities.

Orateur: HANANY, Amihay (Imperial College)