

The space of augmented stability conditions

Thursday, March 6, 2025 11:30 AM (1 hour)

I will survey recent joint work with Daniel Halpern-Leistner which constructs a partial compactification of (a quotient of) the space of Bridgeland stability conditions on a triangulated category. The partial compactification is modular in the sense that its boundary points parameterise a new type of homological structure: an augmented stability condition.

Presenter: ROBOTIS, Alekos (Cornell University)