Analysis Seminar

Title: Nuclear C*-algebras and nuclear dimension

Speaker: Sam Evington

Date: Tue 24th November 2026 at 3:00PM

Location: N0.20 - Science North

Abstract: Nuclearity is the C*-algebraic analogue of amenability. As with amenable groups, there are many equivalent definitions. In this talk, I will discuss the modern approach to nuclearity via finite dimensional approximations. I will then discuss the relationship to tensor products and partitions of unity. Finally, I will also show how the definition of nuclearity can be adapted to give a notation of dimension that generalises the covering dimension of a topological space.

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