Abstract

Oberwolfach Workshop:

Combinatorial *-algebras

Dates:

10 Mar - 15 Mar 2024   (Code: 2411a)

Organizers:

Guillermo Cortiñas, Buenos Aires
Søren Eilers, Copenhagen
Elizabeth Gillaspy, Missoula
Roozbeh Hazrat, Sydney

Algebras constructed from combinatorial data are central in both C*-algebra theory and noncommutative algebra, and researchers from both fields have a history of asking similar questions and often answering them independently. The aim of this workshop is to strengthen ties and foster collaborations between the different communities working on combinatorial $*$-algebras.

We will focus on recent developments and open problems of relevance to both C*- and noncommutative algebraists, such as the algebraic Kirchberg–Phillips problem, non-Hausdorff groupoid algebras, topological full groups, Matui's conjectures, Williams' SSE-SE problem, and Hazrat's graded classification conjectures.