

# Konstantin Recke

## Title:

Schur multipliers and group-invariant compactification

## Abstract

Certain approximation properties of countable groups, e.g. amenability, are encoded in the limit points of Schur multipliers of the associated operator algebras. In this talk, we will discuss an approach to study limit points of such Schur multipliers induced by positive definite matrix coefficients. This approach is based on the group-invariant compactification of orbits of probability measures developed for a different purpose by Mukherjee and Varadhan (2016). Based on joint work with Chiranjib Mukherjee (Münster).