MATTHEW WIERSMA, University of Alberta
Kirchberg's factorization property for locally compact groups
A locally compact group $G$ has the factorization property if the map

$$
C^{*}(G) \odot C^{*}(G) \ni a \otimes b \mapsto \lambda(a) \rho(b) \in \mathcal{B}\left(L^{2}(G)\right)
$$

is continuous with respect to the minimal $C^{*}$-norm. The factorization property for discrete groups is relatively well studied due to its connection to approximation and local properties of discrete group $C^{*}$-algebras. In contrast, the factorization property was virtually unstudied for non-discrete groups until very recently. I will discuss recent developments on the factorization property for non-discrete groups.

