ID de Contribution: **6**   Type: **Non spécifié**

Free Wreath Products as Fundamental Graph C*-algebras

jeudi 1 décembre 2022 16:45 (45 minutes)

The free wreath product of a compact quantum group by the quantum permutation group S+N has been introduced by Bichon in order to give a quantum counterpart of the classical wreath product. The representation theory of such groups is well-known, but some results about their operator algebras were still open, for example, the Haagerup property, K-amenability, or factoriality of the von Neumann algebra. I will present a joint work with Pierre Fima in which we identify these algebras with the fundamental C^*-algebras of certain graphs of C^*-algebras, and we deduce these properties from these constructions

Orateur: TROUPEL, Arthur (Université Paris-Cité)