

Probabilistic Operator Algebra Seminar

Organizer: Dan-Virgil Voiculescu

November 2 **Claus Koestler**, University College Cork

Title: *Markovian fun with F^+* .

My talk introduces to the surprising discovery that the representation theory of the Thompson monoid F^+ encodes Markovianity in an operator algebraic setting of probability theory.

Reference: Claus Koestler, Arundhathi Krishnan, Stephen J. Wills. *Markovianity and the Thompson Monoid F^+* . Eprint arXiv:2009.14811 (2020).