

## Noncommutative Wick Polynomials (in person)

*Thursday, 2 December 2021 10:00 (50 minutes)*

Wick polynomials are at the foundations of QFT (they encode normal orderings) and probability (they encode chaos decompositions). In this lecture, we survey the construction and properties of noncommutative (or free) analogs using shuffle

Hopf algebra techniques. Based on joint works with K. Ebrahimi-Fard, N. Tapia and L. Zambotti.

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