

## **Classical statistics on permutations and inversion sequences**

*Tuesday, 21 December 2021 09:30 (50 minutes)*

The study of patterns in inversion sequences was initiated by Corteel-Martinez-Savage-Weselcouch and Mansour-Shattuck independently. This talk introduces some investigation on several classical statistics on restricted inversion sequences that are either known or conjectured to be enumerated by Catalan, Large Schröder, Baxter and Euler numbers. This talk is based on joint work with Zhicong Lin [refined restricted inversion sequences, available at <https://doi.org/10.1007/s00026-021-00550-7>].

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**Session Classification:** Session