

Institute for Applied Mathematics, Bonn University

Oberseminar Stochastik

Thursday, 10 November 2022, 16:30

Seminarraum LWK 0.011

Piotr Sniady

MPI / Polish Academy of Sciences

Poisson limit theorems for RSK and Hammersley particle process

Robinson-Schensted-Knuth algorithm (RSK) is a combinatorial algorithm which is fundamental for the representation theory and closely related to Hammersley's interacting particle process. In this talk I will discuss some links between the representation theory and probability. This talk is based on the preprints <https://arxiv.org/abs/2005.13824> and <https://arxiv.org/abs/2005.14397>. Joint work with Lukasz Maálanka and Mikolaj Marciniak.