Topology Seminar

Ben Knudsen

of Northeastern University will be speaking on

Probabilistic invariants of finite groups

on February 24 at 4:30 in
MIT Room 2-131

We continue the study of the probabilistic versions of the Lusternik–Schnirelmann category and topological complexity introduced in joint work with Weinberger and independently by Dranishnikov–Jauhari. In the aspherical context, where these invariants are group invariants, there is a universal upper bound in the finite case. We discuss progress toward calculating the exact value, which is equivalent to an interesting problem in equivariant homotopy theory. This talk is based on joint work with Shmuel Weinberger.

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