HAMED HATAMI, McGill University
A Borsuk-Ulam lower bound for sign-rank

I will present a new topological argument based on the Borsuk-Ulam theorem to prove a lower bound on sign-rank. I will mention applications to communication complexity, the theory of dimension reductions, and learning theory. This talk is based on joint work with Kaave Hosseini and Xiang Meng.