Exotic 4-manifolds with signature zero

Inanc Baykur University of Massachusetts Amherst baykur@math.umass.edu

We will talk about our recent construction of the smallest closed exotic 4-manifolds with signature zero known to date. Our novel examples are derived from fairly special small Lefschetz fibrations we build, with spin and non-spin monodromies. This is joint work with N. Hamada.