

Topology Seminar

Mona Merling

of The University of Pennsylvania will be speaking on

The equivariant stable parametrized h-cobordism theorem

on April 1 at 4:30 in
MIT Room 2-131

The stable parametrized h-cobordism theorem provides a critical link in the chain of homotopy theoretic constructions that show up in the classification of manifolds and their diffeomorphisms. For a compact smooth manifold M it gives a decomposition of Waldhausen's $A(M)$ into QM_+ and a delooping of the stable h-cobordism space of M . I will talk about joint work with Malkiewich on this story when M is a smooth compact G -manifold.

For information, write: senger@mit.edu