

Topology Seminar

Matilde Marcolli

of CalTech will be speaking on

Feynman integrals, singular
hypersurfaces, and motives

on April 14 at 4:30 in
MIT Room 2-131

I will describe different recent approaches to the renormalization and computation of Feynman integrals in perturbative quantum field theory via differential forms on the complement of singular hypersurfaces and periods of motives.