TOPOLOGY SEMINAR

Homology decompositions for classifying spaces of finite groups and linking systems

By

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Abstract: This will be a series of two talks. The aim is to understand the homology decompositions for linking systems. In this first talk, I will briefly explain the three types of mod-p homology decompositions for classifying space of a finite group, namely the subgroup, centralizer, and normalizer decompositions. I will show how the sharpness of the subgroup decomposition over nontrivial p-subroups is proved.
The sharpness of the subgroup decomposition for linking systems is an important open problem in this area.

Date: September 30, 2019 Monday
Time: 13:40 – 14:40
Place: SA141 Mathematics Seminar Room

* Tea and cookies will be served after the talk. All are most cordially invited.