Cohomology of Groups

Organizers:
- Jose Maria Cantarero (CIMAT Merida)
- Eric M. Friedlander (University of Southern California)
- T. Benedict Williams (University of British Columbia)

Presentations:

Tuesday, Jul 25 [McGill U., Trottier Building (Engineering), Room 70]

11:45   Thomas Church (Stanford University), *Asymptotic representation theory over $\mathbb{Z}$ and cohomology of arithmetic groups*

12:15   Rita Jimenez (Instituto de Matematicas, Universidad Autonoma de Mexico, Oaxaca), *On the cohomology of spaces of maximal tori in classical Lie groups*

14:15   Dev Sinha (University of Oregon, USA), *Cohomology of symmetric and alternating groups*

14:45   Gabriel Minian (Universidad de Buenos Aires), *A new test for studying asphericity of group presentations and Whitehead's asphericity question*

15:45   Daniel Juan Pineda (Centro de Ciencias Matematicas, Universidad Autonoma de Mexico, Morelia), *On the geometric dimension for classifying spaces for mapping class groups*

16:15   David Sprehn (University of Copenhagen, Denmark), *Stable Homology of Classical Groups*

17:00   Bernardo Uribe (Universidad del Norte), *Morita Equivalence of pointed fusion categories*

17:30   Christopher Drupieski (DePaul University), *Some graded analogues of one-parameter subgroups and applications to the cohomology of graded group schemes*

Wednesday, Jul 26 [McGill U., Trottier Building (Engineering), Room 70]

11:15   Daniel Nakano (University of Georgia), *Bilinear and Quadratic Forms of Rational Modules of Split Reductive Groups*

11:45   Jon Carlson (University of Georgia, USA), *Separable rings in stable category over cyclic~p-groups*

13:45   Julia Pevtsova (University of Washington), *Detection of nilpotence and projectivity for finite unipotent group schemes*

14:15   Noe Barcenas (Centro de Ciencias Matematicas, Universidad Autonoma de Mexico, Morelia), *Stable Finiteness Properties of Infinite Discrete Groups*

14:45   Alejandro Adem (University of British Columbia), *Free Finite Group Actions on Rational Homology Spheres*

15:15   Ian Hambleton (McMaster University), *Group cohomology with group ring coefficients*

16:15   Christopher Bendel (University of Wisconsin-Stout), *Good filtrations of tensor products*

16:45   Jose Cantarero (CONACYT -CIMAT Merida), *Benson-Carlson duality for p-local finite groups*