

# Joint Topology/Algebra Seminar

Tuesday, October 7, 2014  
10:30 - 11:30 a.m., SN-1103

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## Slim unicorns

### Abstract:

Mapping class groups of surfaces act on arc graphs and curve graphs. We show that the latter are 17-hyperbolic and the former are 7-hyperbolic. To this end, we introduce unicorn paths and show that they form 1-slim triangles. This is joint work with Sebastian Hensel and Richard Webb.