



## Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

**Dienstag, 12. Mai 2015**

17 Uhr s.t., Geom H4

Prof. Dr. Nathalie Wahl  
(University of Copenhagen)

### ***Homological stability for families of groups***

Abstract:

Symmetric groups, braid groups, certain mapping class groups and general linear groups are examples of families of groups known to display stability in their homology. In my talk, I will give an answer to the following questions: What do these examples have in common? When should one expect a family of groups to be homologically stable and how does one check that such a family does indeed stabilize?

Vor dem Vortrag (ab 16.30 Uhr) stehen im Raum 327 Kaffee und Tee bereit.