

---

**DENIS SERBIN**, Stevens Institute of Technology

*Detecting conjugacy stability of subgroups*

A subgroup  $H$  of a group  $G$  is called *conjugacy stable* if every pair of elements from  $H$  that are conjugate in  $G$ , are also conjugate in  $H$ . In this talk we show how conjugacy stability of f.g. subgroups can be effectively checked in certain classes of groups. This is joint work with Isabel Fernandez Martinez.