

# Oberseminar zur Algebra

Lehrstühle A und D für Mathematik

## Vortragsankündigung

*Zeit und Ort:* **Mittwoch, 21. Juli 2010, 10.00 Uhr bis 11.30 Uhr** in SG 12

*Vortragender:* **Danny Neftin**

*Titel:* **On the minimal ramification problem for semiabelian groups**

*Inhalt:* Let  $G$  be a finite group and  $d(G)$  the minimal number of conjugacy classes that generate  $G$ . In any tame realization of  $G$  as a Galois group over  $\mathbb{Q}$  there are at least  $d(G)$  ramified primes. The (tame) minimal ramification problem asks whether any group  $G$  can be realized (tamely) over  $\mathbb{Q}$  with exactly  $d(G)$  ramified primes. It has been recently proved that this problem has an affirmative answer for a substantial class of finite nilpotent groups (all finite semiabelian nilpotent groups). (Joint work with Hershy Kisilevsky and Jack Sonn)

Wir laden alle Interessierten herzlich zu diesem Vortrag ein.