GENEVIEVE WALSH, Tufts University Medford, MA
Commensurability of knot complements

We discuss the commensurability of hyperbolic knot complements in S^3. It is conjectured that there are at most three hyperbolic knot complements in a given commensurability class. We show that in the case of no hidden symmetries, this conjecture is true. It follows from the proof that a non-fibered hyperbolic knot complement which does not admit hidden symmetries is not commensurable with a fibered knot complement.

This is joint work with M. Boileau and S. Boyer.