
ADAM CLAY, UQAM

Graph manifolds, orderability, L-spaces and foliations

Boyer, Gordon and Watson recently showed that having a left-orderable fundamental group (LO), supporting a co-orientable taut foliation (CTF), and being a non-L-space (NLS) are equivalent for all closed, connected, orientable prime Seifert fibred and Sol manifolds. In this talk I will outline why LO and CTF are equivalent for rational homology 3-sphere graph manifolds, and give a strategy for extending the equivalence to include NLS as well. This is joint work with Steve Boyer.