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Do 3-manifolds with taut foliations have orderable fundamental groups?

The L-space conjecture contends, in part, that if a closed, orientable 3-manifold admits a taut foliation then its fundamental admits a left-invariant total order (i.e. it is left-orderable). Though known in many cases, the contention remains widely open. In this talk I will survey what is known about this problem and describe some recent work with Cameron McA. Gordon, Ying Hu, and Duncan McCoy which shows the connection between foliations and left-orders contended by the L-space conjecture is not as direct as might have been hoped.