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Peter Lambert-Cole* (plambe7@lsu.edu). *Legendrian products and Legendrian contact homology.*

This talk discusses a product operation on Legendrian submanifolds in contact topology and the computation of geometric invariants of these submanifolds. Legendrian contact homology is an invariant of Legendrian submanifolds in 1-jet spaces defined via counts of holomorphic curves. For Legendrian knots, the invariant has a combinatorial description in terms of a knot projection. A similar combinatorial description exists for Legendrian tori obtained as products of Legendrian knots. (Received August 19, 2013)