Speaker: **Kalman, Tamas**
Title: *Fibrations with Legendrian Fibers*
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Abstract: I will consider contact 3–manifolds (M, ξ) that are also total spaces of fibrations with a two-dimensional base F, so that the fibers are Legendrian with respect to ξ. A Legendrian knot K in M then has a front projection to F. I will show how, for a fixed base F with standard constant curvature metric, $M = ST^*F$ (the bundle of cooriented contact elements to F) and K, one can vary the fibration so that the resulting family of projections is a wave propagation. I will also prove that if the fiber is a circle, then M is a covering space of PT^*F, the bundle of contact elements to F.