

1124-14-92

Justin Sawon* (sawon@email.unc.edu), Department of Mathematics, University of North Carolina, Chapel Hill, NC 27599-3250. *Lagrangian fibrations on holomorphic symplectic manifolds.*

A holomorphic symplectic manifold is a Kahler manifold with a closed non-degenerate holomorphic two-form. In this talk we consider fibrations on these manifolds whose fibres are complex tori that are Lagrangian with respect to the holomorphic two-form. We describe the standard examples and survey some recent results. (Received August 30, 2016)