

1124-57-129

**John B Etnyre\*** (etnyre@math.gatech.edu) and **Marco Golla**. *Symplectic hats*. Preliminary report.

Given a symplectic cobordism between contact 3-manifolds, we will consider symplectic cobordisms between transverse knots in those contact manifolds. In particular we discuss cobordisms from a transverse knot to the empty set which we call a symplectic hat. We discuss properties of symplectic caps and “the hat trick” which is a method to use certain symplectic hats to build symplectic caps for contact manifolds which in turn can be used to study symplectic fillings. (Received September 05, 2016)