1117-57-98 **John Etnyre*** (etnyre@math.gatech.edu) and **Bulent Tosun**. *Solid tori and the classification of contact structures on small Seifert fibered spaces.* Preliminary report.

Tight contact structures have been classified on most small Seifert fibered spaces, but there are infinite families that have resisted classification despite many attempts. These are the most interesting families in that they contain examples that do not admit tight contact structures and examples of tight but non-fillable contact structures. In this talk I will discuss an approach to the classification on new infinite subsets of these families and illustrates how studying embeddings of solid tori in contact manifolds can be used to construct and distinguish tight contact structures. (Received January 05, 2016)