**Meeting:** 1001, Evanston, Illinois, SS 8A, Special Session on Computability Theory and Applications

1001-03-122 **Reed Solomon*** (solomon@math.uconn.edu), Department of Mathematics, 196 Auditorium Road, University of Connecticut, U-3009, Storrs, CT 06269-3009, and **Rodney Downey**. *Minimal wtt degrees and computably enumerable Turing degrees.* Preliminary report.

The material in this talk is joint work with Rod Downey. Several years ago, we proved that there is $\Delta^0_2$ set with minimal wtt degree which Turing bounds a noncomputable computably enumerable set. At the time, we conjectured that we could push the construction to make a set with minimal wtt degree and computably enumerable Turing degree. It turns out that this is not possible: no set with computably enumerable Turing degree has minimal wtt degree. (Received August 19, 2004)