1025-32-38 **Sönmez Şahutoğlu*** (`sonmez@umich.edu`), University of Michigan, Department of Mathematics, Ann Arbor, MI 48109. *On a Sufficient Condition for the Existence of Stein Neighborhood Bases.* Preliminary report.

This is a report on work in progress. In this talk, we give a sufficient condition for the existence of a Stein neighborhood basis for the closure of smooth bounded pseudoconvex domains in $\mathbb{C}^n$. This approach unifies some of the known sufficient conditions for the existence of a Stein neighborhood basis for the closure. (Received January 04, 2007)