1077-H1-148 **Gregory P. B. Dresden*** (dresdeng@wlu.edu), Dept. of Math., Robinson Hall, Washington & Lee University, Lexington, VA 24450. *Finding closed knight's tours on annular chessboards.* Preliminary report.

The problem of finding a closed knight's tour on the standard (8x8) chessboard is well over a thousand years old, and was studied (and solved) by Euler, among others. Recently, the problem for all (not-necessarily-square) rectangular boards has been solved, but not that for annular boards. In this presentation we give results of our work to classify all such annular boards that admit a solution. (Received August 02, 2011)