1125-AB-802   **Ian Petrow*** (`ian.petrow@epfl.ch`), Section des Mathématiques, Bâtiment MA, Station 8, 1004 Lausanne, Switzerland. *L-functions of automorphic forms on non-split tori.*

I will present a concrete description of automorphic forms (characters) on certain non-split tori T, as well as their associated L-functions and analytic conductors. E.H. Brooks and I use this description to count automorphic forms on T when they are ordered by their analytic conductors. (Received September 12, 2016)