Meeting: 1004, Bowling Green, Kentucky, SS 9A, Special Session on L-Functions

1004-11-131   **Kimball Martin*** (`kimball@math.columbia.edu`), Columbia University, Department of
                     Mathematics, MC 4425, New York, NY 10027. *An introduction to the Artin and strong Artin*
                     conjectures.

I will briefly introduce Artin's conjecture on the holomorphy of L-functions associated to complex Galois representations, following Langlands' approach via automorphic forms. Then I will coarsely survey what is known, focusing primarily on the case where the Galois representation has solvable image. (Received January 21, 2005)