1056-11-1556   **Kyu-Hwan Lee** (`khlee@math.uconn.edu`) and **Philip J Lombardo***
(`lombardo@math.uconn.edu`), 814 Mansfield City Rd. Apt. 12B, Storrs-Mansfield, CT 06268. *The Constant Terms of Eisenstein Series on Loop Groups over a Function Field.*

In 2001, Howard Garland published a paper in which he constructed Eisenstein series on arithmetic quotients of loop groups over the real field. He obtained a formula for the constant terms of these series, and showed the existence of a meromorphic continuation and functional equations of the constant term. In this talk, we generalize his work by defining Eisenstein series on loop groups over a function field, and computing a formula for the constant term. (Received September 22, 2009)