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**Andrew H. Knightly\***, Department of Mathematics & Statistics, 333 Neville Hall, University of Maine, Orono, ME 04469-5752, and **Charles Li**, Department of Mathematics, Chinese University of Hong Kong. *The relative trace formula and average values of L-functions.*

I will discuss some applications of the relative trace formula to averages of modular L-values. (Received September 15, 2009)