Abstract Submitted for the SES09 Meeting of The American Physical Society

The Optical Variability of PKS 1510-089, PKS 1622-297 and AP Librae DIANA GUDKOVA, RICHARD MILLER, JOE EGGEN, JEREMY MAUNE, KEVIN MARSHALL, Georgia State University — The results of a fiveyear photometric monitoring program for the three southern hemisphere blazars, PKS 1510-089, PKS 1622-297 and AP Librae will be presented. Rapid, large amplitude variations are present on timescales ranging from less than a day to years. These variations will provide constraints on the emission mechanisms and the size of the emitting region. The implications of these results will be discussed.

> Diana Gudkova Georgia State University

Date submitted: 18 Aug 2009

Electronic form version 1.4