## Abstract Submitted for the TS4CF08 Meeting of The American Physical Society

Relative rho-omega production phase VALERIA FRISULLO, JOHN CUMALAT, University of Colorado, FOCUS COLLABORATION — The relative  $\rho-\omega$  production phase is studied by looking at the interference effects in the dimuon decay mode of the photoproduced  $\rho$  and  $\omega$  mesons. This is the first measurement of the interference effect using dimuons. The data from the photoproduction experiment FOCUS at Fermi National Accelerator Laboratory (Fermilab) are used for this measurement.

Valeria Frisullo University of Colorado

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