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Alina Bucur* (alina@math.ucsd.edu), Department of Mathematics, University of California at San Diego, 9500 Gilman Dr #0112, La Jolla, CA 92093, and **Ling Hoeschler**, **Renate Scheidler** and **Melanie Matchett Wood**. *Parametrizing D_4 covers over finite fields*.

This talk will report on the WIN2 project of my group. We will focus on the parametrization of D_4 covers of the projective line over a finite field by tuples of quadratic forms. (Received September 12, 2012)