

Blaschke Products, numerical ranges, and the zeros of orthogonal polynomials

08.12**Brian Simanek***(Baylor University, Texas, USA)***Time:** Thursday 25.07., 17:00 - 17:30, Room HS 3

Abstract: Our main object of interest will be the location of zeros of orthogonal polynomials on the unit circle. We will discuss some recent developments that relate these zeros to Blaschke products, numerical ranges of matrices, algebraic curves, quadrature measures, and Poncelet's Theorem. Some open problems will be mentioned along the way.