

Department of Mathematics

University of Houston

Scientific Computing Seminar

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Bonn University

and

Texas A&M University

Schwarz Iterative Methods: Randomization and Acceleration

Thursday, Dec. 1, 2016

1:30 PM- 2:30PM

Room 646 PGH

Abstract: In the talk, I will briefly review the setup of Schwarz iterative methods and then outline the recently obtained convergence estimates for various randomized orderings, including block versions and acceleration.

Joint work with M. Griebel (Bonn) and W. Zhou (Marburg).