Paper Title: **Data-Driven Dynamic State Estimation of Synchronous Generators via Sparsity Promoting Unscented Kalman Filtering**

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Bio: Elham Jamalinia is currently pursuing her PhD degree at the electrical and computer engineering department at Lehigh University. She specializes in data-driven dynamic state estimation and model identification of nonlinear power systems. She is experienced in developing innovative solutions for dynamic state estimation and control of nonlinear power systems, including Kalman filtering techniques, particle filtering method. Prior to joining Lehigh, she was working on a quantum control project at Princeton University, where she studied controllability analysis of complex systems using Lie algebra.