1096-90-1687 **Uday V Shanbhag*** (udaybag@psu.edu), Industrial and Manufacturing Engg., 310 Leonhard Building, State College, PA 16803. *Stochastic Approximation Schemes for Stochastic Variational Inequality Problems.*

We consider the finite-dimensional stochastic variational inequality problem, a stochastic generalization of the standard variational variational inequality problem. We discuss some of our recent stochastic approximations designed for such problems, including the development of regularized variants of stochastic approximation, self-tuned steplength schemes, and most recently extragradient generalizations to the stochastic regime. Time permitting, we discuss analogous schemes in the context of learning and computation. (Received September 16, 2013)