1139-35-498 **Tuomo Kuusi*** (tuomo.kuusi@oulu.fi), Oulu, Finland. Numerical methods in stochastic homogenization.

We introduce a new method for computing solutions of elliptic equations with random rapidly oscillating coefficients. This is a joint work with S. Armstrong, A. Hannukainen and J.-C. Mourrat. (Received February 19, 2018)