

Parallel Session 4**Monday, July 2, 08:00AM-10:00AM**

Special Session 79	Numerical Methods based on Homogenization and on Two-Scale Convergence Organizer(s): Emmanuel Frenod	Location POI-B
8:00-8:30	Molei Tao (California Institute of Technology, USA) Multiscale Geometric Integration of Deterministic and Stochastic Systems	Abstracts p. 297
8:30-9:00	Frederic Legoll (Ecole Nationale des Ponts et Chaussees, France) Variance reduction methods in stochastic homogenization	Abstracts p. 296
9:00-9:30	John Harlim (North Carolina State University, USA) Filtering partially observed multiscale systems with heterogeneous multiscale methods based reduced climate models	Abstracts p. 295
9:30-10:00	Pingbing Ming (AMSS, Peoples Rep of China) An Efficient Higher-order Heterogeneous Multiscale Methods for Elliptic Problems and Related Issue	Abstracts p. 297