

Uncertainty Propagation Driven by Data

- *Data-driven analysis*
(from noisy and gappy experimental data to predictive modeling)
- *Non-linear stochastic input model reduction*
(manifold learning)
- *Stochastic output model reduction*: Low-complexity surrogate models of the high-dimensional stochastic multiscale systems (non-linear stochastic POD, kernel-based POD, manifold learning)

