

postprocessing

uncertainty quantification  
 $\mathbb{E}[y_{hi} - f_i], \text{Var}[y_{hi} - f_i], \dots$

sensitivity analysis  
 $S_{\theta_1}, S_{\theta_2}, S_{\theta_3}, S_{\theta_1, \theta_2}, \dots$

reduced model  
 $y_{SG}(\theta_1, \theta_2, \theta_3)$

optimization

multi-fidelity modeling

...