

Some Recent Technical Reports

LAUR-06-2320 K. Heitmann, D. Higdon, C. Nakhleh and S. Habib (2006). Cosmic Calibration.

LAUR-05-6410 D. Higdon, J. Gattiker and B. Williams (2005). Computer Model Calibration using High Dimensional Output. **LAUR-04-1745 D. Higdon, J. Gattiker and B. Williams (2005).** Slides to go with: Computer Model Calibration using High Dimensional Output.

LAUR-06-5233 M. Short, L. Guadagnini, A. Guadagnini, D. M. Tartakovsky and D. Higdon (2006). Estimating Preferential Flow Paths within an Aquifer System.

LAUR-05-4951 B. Williams, D. Higdon, J. Gattiker, L. Moore, M. D. McKay and S. Keller-McNulty (2006). Combining Experimental Data and Computer Simulations, with an Application to Flyer Plate Experiments.

LAUR-06-1345 J. Gattiker, E. Lawrence and D. Higdon (2006). Analysis of Multi-domain Complex Simulation Studies, from The International Conference on Computational Science and its Applications (ICCSA), May 2006, Glasgow, UK.

LAUR-03-8524 C. Linkletter, D. Bingham, N. Hengartner, D. Higdon, K. Ye (2006). Variable Selection for Gaussian Process Models in Computer Experiments

manuscript M. A. Christie, J. Glimm, J. W. Grove, D. Higdon, D. H. Sharp, M. M. Wood-Schultz (2005). Error Analysis and Simulation of Complex Phenomena, in Los Alamos Science

LAUR-05-3097 D. Higdon (2005). A Primer on Space-time Modeling from a Bayesian Perspective

LAUR-05-5897 C. Nakhleh, D. Higdon, C. K. Allen and V. Kumar (2005). Bayesian Reconstruction of Particle Beam Phase Space from Low Dimensional Data

LAUR-03-2743 D. Higdon, M. Kennedy, J. Cavendish, John Cafeo and R. D. Ryne (2003). Combining Field Data and Computer Simulations for Calibration and Prediction

manuscript D. Higdon, H. Lee and C. Holloman (2003). Markov Chain Monte Carlo-based approaches for inference in Computationally Intensive Inverse Problems.