samsi

Climate Program Opening Workshop
August 21-25, 2017
POSTERS

Jesse Bell
North Carolina State University

"Impact of Precipitation on Motor Vehicle Fatalities in the Carolinas"

Huybrechts Frazier A. Bindele
University of South Alabama

"General Local Rank Estimation for Varying Coefficients Single Index Models"

Mark Borsuk
Duke University

"The Effect of Ambiguous Prior Knowledge on Bayesian Model Parameter Inference and Prediction"

Won Chang
University of Cincinnati

"Changes in Spatiotemporal Precipitation Patterns in Changing Climate Conditions"

Ansu Chatterjee
University of Minnesota

"How to Deconstruct a Climate Time Series: some ideas"

Chen Chen
University of Chicago

"Precipitation Characteristics in the Contiguous US: Diversity, Interannual Variation, and Change in the Warming Climate"

Seth Cowall
University of Delaware

"Modeling and Simulation of Phytoplankton Blooms in the Ocean"

Mohamed Elkhouly
Virginia Tech

"Increased atmospheric instability and changes in tornado risk"

Benjamin Emery
University of Vermont

"Climate Regime Switching Measured by Teletherm Jumps"

David Gagne
National Center for Atmospheric Research

"Deep Representations of Spatial Atmospheric Data"

Yawen Guan
SAMSI

"Reduced-Dimensional Non-Gaussian Spaital Model"

Daniel Howard
University of Notre Dame

"Monsoon Dynamics and Computational Modeling Techniques"

Whitney Huang
SAMSI

"Modeling Precipitation Extremes using Log-Histospline"

Bledar, Alex Konomi
University of Cincinnati

"Bayesian Calibration of Expensive Computer Models with Input Dependent Parameters"

Mikael Kuusela
University of Chicago

"Locally Stationary Spatio-Temporal Interpolation of Argo Profiling Float Data"

Pulong Ma
University of Cincinnati

"Low Cost Bayesian Inference for Additive Approximate Gaussian Process"

Adway Mitra
Tata Institute of Fundamental Research

"Markov Random Fields for Spatio-temporal Analysis of Indian Monsoon"

Amanda Muyskens
North Carolina State University

"Computational Methods for Large Non-stationary Spatial Data"

Christian Sampson
SAMSI

"Effective Rheology and Wave Propagation in the Marginal Ice Zone"

Ben Timmermans
Lawrence Berkeley National Laboratory

"Parameter Uncertainty in the Simulation of Extreme Weather Events"

Zhonglei Wang
Iowa State University

"Using Kriging with Heterogeneous Measurement Error to Improve the Accuracy of Extreme Precipitation Return Level Estimation"

Michael Wehner
Lawrence Berkeley National Laboratory

"Spatial Statistics for Improving Collective Estimates of Extreme Precipitation at Weather Stations and its Subsequent Gridding"

Authors: Mark D. Risser[1], Christopher J. Paciorek[2], and Michael F. Wehner[1]
1 Lawrence Berkeley National Laboratory, 2 University of California at Berkeley

Nils Weitzel
University of Bonn

"Combining Proxy Data and Climate Simulations for Paleoclimate Reconstructions"

Yimin Xiao
Michigan State University

"Excursion Probabilities of Multivariate Gaussian Random Fields"

Zhengyuan Zhu
Iowa State University

"Spatio-Temporal Modeling on Spheres"