Attendants:

University of Chicago:

Justin Finkel

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First year PhD

CCAM (Committee on Computational and Applied Mathematics)

Undergrad: WUSTL

optimization applied to image and signal processing and Bayesian analysis, and physical modeling of natural processes such as global climate dynamics.

Mary Silber

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Professor

Department of Statistics

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My research is broadly in the area of dynamical systems. I study applications of bifurcation theory to 'tipping points' and to spontaneous pattern formation in physical systems. Currently I am especially interested in dynamical systems models related to Earth's climate and ecosystems.

Yuxin Chen

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CCAM

Previous: Northwestern University

Fifth year PhD

Advisor: Mary Silber

Undergrad: Dalhousie University

Stochastic processes, noise-induced tipping, pattern formation, dynamical systems

University of Kensas

Cassidy Krause

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Third year PhD

Department of Mathematics

Advisor: Eric Van Vleck

My research interests include numerical analysis and dynamical systems, and I am particularly interested in data assimilation and its applications to weather and climate modeling.

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Department of Mathematics

University of Minnesota

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First/Second year PhD

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PhD

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Undergraduate

REU at Rutgers

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Doctoral Candidate

School of Mathematics

Advisor: Richard McGehee

Undergrad: Carleton College

Climate change and other human impacts to Earth systems motivate my current research

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Christopher K.R.T. Jones

Erik Van Vleck