

The Interface of Prediction, Computational Science and Policy Decisions

Presented by the "Working Group for Research Computing"

About the talk

Date

April 14, 2016

Time

10:00 – 11:00 a.m.

Location

**Biodesign Auditorium
Room B105**

Time-urgent policy decisions increasingly benefit from the predictive scientific assessments of risks and outcomes. However, the ability to inject computational science into decision processes can be haphazard, requiring awareness of potential tools and involvement in the policy decisions. Insight will be presented on how science is drawn into decisions through a series of examples including the Fukushima Daiichi accident, aircraft safety, the Gulf oil spill, Ebola and the Cancer Moonshot.

About the speaker



Dr. Dmitri Kusnezov

Chief Scientist, National Nuclear Security Administration

Dr. Dmitri Kusnezov received A.B. degrees in physics and in pure mathematics with highest honors from UC Berkeley. Following a year of research at the Institut für Kernphysik, KFA-Jülich in Germany, he attended Princeton University, earning his M.S. in physics and Ph.D. in theoretical nuclear physics. At Michigan State University, he conducted postdoctoral research and then became an instructor. In 1991, he joined the faculty of Yale University as an assistant professor in physics, becoming an associate professor in 1996. He has served as a visiting professor at numerous universities around the world. Dr. Kusnezov has published over 100 articles and a book. He joined federal service at the National Nuclear Security Administration in late 2001 and is a member of the Senior Executive Service and a Visiting Researcher at Yale.

RSVP by April 13, 6:00 p.m. at
[Research Academy](#)

For external RSVPs and questions,
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