

Yale University
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Yale Day of Data

Day of Data 2015

Sep 18th, 10:00 AM - 11:00 AM

Presentations: Yale Initiatives

Steve Girvin
Yale University

Jill Parchuck
Yale University

Kiran Keshav
Yale University

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Steve Girvin, Jill Parchuck, and Kiran Keshav, "Presentations: Yale Initiatives" (September 18, 2015). *Yale Day of Data*. Paper 7.
<http://elischolar.library.yale.edu/dayofdata/2015/Schedule/7>

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Yale Center for Research Computing

Kiran Keshav



Areas of Focus

- **Cyber-Infrastructure:** HPC, Storage, Science Network, External Collaborations
- **Education and Training:** Bootcamps, Data Science
- **Community Support:** Coalition for Advanced Science Computation, NSF Advanced Cyber-Infrastructure Research and Education Facilitators

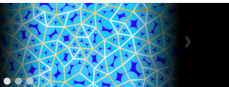
Community Support

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Predicting how macroscale particles self-assemble

READ MORE



Tue, 09 Sep 2014 20:07:20 Grace Scheduled Downtime

SYSTEM STATUS

NEWS & EVENTS

SEP 26 Yale Day of Data '17 All day

2014 Campus Champions Fellows Named '17 2014

Yale Hosts Particle Physics

RESEARCH



Developing lung cancer

AT A GLANCE

15,944 cores

86 terabytes memory

1 TB

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Research



Dynamically Optimizing Research Data Workflow

Yang Yang, Ph.D. / Andrew Sherman, Ph.D. / David Galassi / Robert Bjornson, Ph.D.

Yale was recently awarded an NSF grant to design and deploy a novel intelligent network cyberinfrastructure that will greatly expand the ability of researchers to rapidly and efficiently move the large quantities of data required for their computation- and data-intensive research activities both on- and off-campus. Led by Professor Richard Yang, the project is a joint effort of faculty and staff from the Department of Computer Science, Yale's High Performance Computing Center, and ITS.

MORE ABOUT THIS RESEARCH ITEM



Predicting how macroscale particles self-assemble

Corey O'Hern, Ph.D.

Prof. Corey S. O'Hern's research group employs computational techniques to study soft materials, biological systems, and particulate media. Along with co-Pi's Prof. Bulbul Chakraborty from Brandeis University and Robert Behringer from Duke University, Prof. O'Hern was recently awarded a prestigious \$1 million grant from the W.M. Keck Foundation to develop the first comprehensive theoretical framework for predicting how macroscale particles assemble into large collections.

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YCRC Team

Faculty Co-Directors



Harlan Krumholz (M.D., S.M.)

Harold H. Hines, Jr. Professor of Medicine



Daisuke Nagai (Ph.D.)

Associate Professor of Physics and Astronomy

Engineering

Research Support

ITS Research Technologies