Recent NSF Awards

**Collaborative Research: PPoSS: Planning:**
*Streamware - A scalable Framework for Accelerating Streaming Data Science*
Award Amount: $90,000 of $250,000
NJIT PI: David B. Bader, coPI: Senjuti Basu Roy, USC PI: Viktor Prasanna, coPIs: Sanmukh Rao Kuppannagari, Xuehai Qian, Harvard PI: David Brooks

**Collaborative Research: PPoSS: Planning:**
*Extreme-Scale Sparse Data Analytics*
Award Amount: $50,000 of $250,000
NJIT PI: David Bader, Penn State PI: Kamesh Madduri, Co-PI: Mahmut T Kandemir; University of Oregon PI: Jee W. Choi, Co-PI: Boyana Norris, UC Santa Cruz PI: Scott Beamer

OVERVIEW:
- Award Announcements
- Student Updates
- Center Updates
- Fall Seminar Recap

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Center for Big Data

Ph.D. Dissertation Defense Announcements

A Machine Learning-assisted Scheduling Framework for Big-data Workflows on Containerized Computing Platforms

Yijie Zhang
Computer Science Department
Dissertation Advisor: Chase Wu, Ph.D.


Wuji Liu
Computer Science Department
Dissertation Advisor: Chase Wu, Ph.D.

Upcoming Defense:

Haifa Alquwaiiee
Computer Science Department
Dissertation Advisor: Chase Wu, Ph.D.
Congratulations
Navya M. Kollapally, Yan Chen, and James Geller

Best Student Paper Award

Titled: 
*Health Ontology for Minority Equity (HOME)*

The 13th International Conference on Knowledge Engineering and Ontology Development (KEOD/IC3K) was held from October 25 - 27th, 2021 hosted by the Institute for Systems and Technologies of Information, Control and Communication. Navya M. Kollapally (SABOC Student) is the first author of the paper and presented at the annual conference. James Geller (SABOC Co-Director) is the senior author.

Congratulations
Guiling Grace Wang, Ph.D.
Center for AI Director

2022 IEEE Fellows Class

Newly elevated fellow for contributions to visual content understanding and retrieval.
The Institute for Data Science Fall 2021 Seminar Series has concluded successfully! Please stay tuned for upcoming seminars for Spring 2022 which will be held on Wednesdays at 4 PM Eastern Time. To view past seminars you've missed visit our youtube channel and follow us on Eventbrite to be notified of future events.

https://datascience.njit.edu/events/
Follow us on Eventbrite:
https://njit-institute-for-data-science.eventbrite.com/
Subscribe to our YouTube channel:
http://www.youtube.com/c/NJITInstituteforDataScience

Fall 2021 Seminar Series Recap:

**September 15th**  
Costas Bekas, Citadel Securities

**October 20th**  
Jack Dongarra, University of Tennessee

**September 22nd**  
Researcher, NEC Labs America

**October 27th**  
Larry Smarr, University of California San Diego

**October 6th**  
Gordon Bell, Researcher Emeritus, Microsoft Research Silicon Valley Laboratory Amherst

**November 3rd**  
Laura Hass, University of Massachusetts Amherst