ALFRED P. SLOAN FOUNDATION

PSERC
Transformation Summer School
July 12-16, 2022
Thank You Sponsor!

ALFRED P. SLOAN FOUNDATION
Attendance

- Arizona State: 12
- Colorado School of Mines: 5
- Cornell: 4
- Georgia Tech: 5
- Howard: 1
- Illinois: 1
- Iowa State: 8
- Michigan Tech: 6
- TAMU: 2
- Washington State: 8
- Wichita: 7
- Wisconsin: 1
- UC Berkeley: 0 😞
This Week

- Power Grid Reliability, Decision Making Under Uncertainty, Renewable Management
  - Tuesday: Kory Hedman, Arizona State
- Inverter-based Resources
  - Wednesday: Mike Ranjram, Arizona State
- Operator Training and Accelerated R&D
  - Thursday: Robin Podmore, Incremental Systems
- Resilient Smart Electric Systems, Harnessing Load Flexibility
  - Friday: Mojdeh Khorsand, Arizona State
- Grid Cybersecurity
  - Saturday: Chee-Wooi Ten, Michigan Tech
Overview of PSERC

KORY W. HEDMAN
DIRECTOR
Collaborating Universities - Site Directors

Arizona State University - Kory Hedman
Colorado School of Mines – Alexandra Newman
Cornell University - Lang Tong
Georgia Institute of Technology - Sakis Meliopoulos
Howard University - James Momoh
Iowa State University - V. Ajjarapu
Michigan Technological University - Chee-Wooi Ten
Texas A&M University - Mladen Kezunovic
University of California at Berkeley - Shmuel Oren
University of Illinois at Urbana - Alejandro Dominguez-Garcia
University of Wisconsin at Madison - Bernard Lesieutre
Washington State University - Anjan Bose
Wichita State University – Chengzong Pang
2023 Industry Members

- Arizona Public Service
- California ISO
- Consumers Energy
- Dominion Energy
- EPRI
- Exelon
- GE
- Hitachi America
- Hubbell
- ISO New England
- Midcontinent ISO
- National Renewable Energy Lab
- New York ISO
- New York Power Authority
- North American Electric Reliability Corporation
- PJM Interconnection
- RTE - France
- Salt River Project
- Southwest Power Pool
- The Energy Authority
- Western Area Power Admin.
Power Systems Engineering Research Center!

• Did you know….
• PSERC was founded in 1996! By Professor Emeritus Robert Thomas, Cornell University
• Some of you are younger than PSERC!
• We are one of the most successful engineering research centers (for any field) in the USA
• Why are we successful?

Strong faculty/student/industry collaboration!
We are here to help you in your mission!
Faculty/Student/Industry Collaboration!

• Collaboration is valued... defines who we are!

• Industry participation in PSERC projects is strongly encouraged.
  • Industry members: Never too late - join a project!
  • No additional financial cost
  • Time commitment is typically low/up to you

• Research teams are encouraged to have periodic conference calls with industry advisors to discuss their project work.
Student Participation

• Any student at a PSERC university can participate in our events (only restricted event is the PSERC Summer Workshop, for industry and faculty only)

• You do not need to be on a pserc project
PSERC Listservs
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Get emails from PSERC

PSERC maintains several listservs that provide email notices of new publications, web page updates, and PSERC news items. Listed below are the available listservs. Names and email addresses are kept strictly confidential.

- General Public (including students at non-PSERC universities)
- PSERC Industry Members
- PSERC University Faculty and Staff
- Students at PSERC Universities
PSERC Success Stories

Chee-Wooi Ten is the new MTU PSERC site director
Chee-Wooi Ten, an Associate Professor of Electrical and Computer Engineering in the Electrical and Computer Engineering Department at Michigan Tech, will be the PSERC site director at MTU.

Anjan Bose awarded a 2021 CIGRE medal
Anjan Bose, Regents Professor at Washington State University and PSERC site director, has been awarded a "CIGRE Medal" in recognition of outstanding contributions to the development of CIGRE, a collaborative community committed to the creation and sharing of power system expertise.

Pallavi Jain: destined to be an engineer
Former PSERC student Pallavi Jain is now an engineer at NYISO. She helps find new ways to increase the use of renewable energy and storage resources on the New York en

Pallavi Jain was an ASU MSE student, now works for NYISO
PSERC Online Job Fair

• Online Job Fair Spring 2022
  • 11 companies participated
  • >80 students

• Online Job Fair Spring 2023
  • 13 companies participated
  • >100 students
PSERC Online Job Fair

• PSERC is now offering online job fairs at the:
• Early Spring Semester (mid Jan – early Feb)
• Early Fall Semester (mid Sep – early Oct)

• Be on the lookout for announcements on the website, via email, the PSERC Calendar (see website)
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