

**ALFRED P. SLOAN FOUNDATION**

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**PSERC**

**Transformation  
Summer School**

**July 12-16, 2022**



**Thank You Sponsor!**

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# 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

# ALFRED P. SLOAN FOUNDATION

PSERC





# Overview of PSERC

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**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**
- **National Rural Elec. Coop. Assn.**
- **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



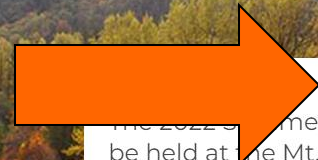
Power Systems  
Engineering Research Center

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- [Research ▾](#)
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- [Meetings ▾](#)
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- [Join PSERC ^](#)

Industry Membership

Industry and Students

Get emails from PSERC



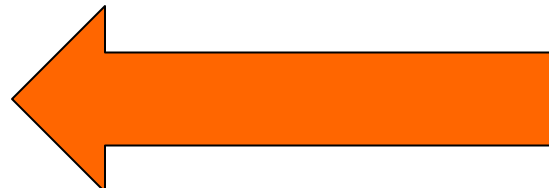
The 2022 Summer  
be held at the Mt. Hood Oregon  
Resort in Welches, Oregon

# PSERC Listservs

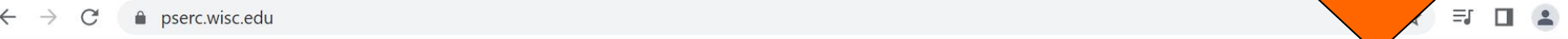
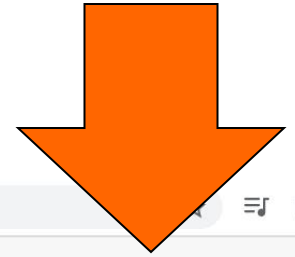
## Get emails from PSERC

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](#)

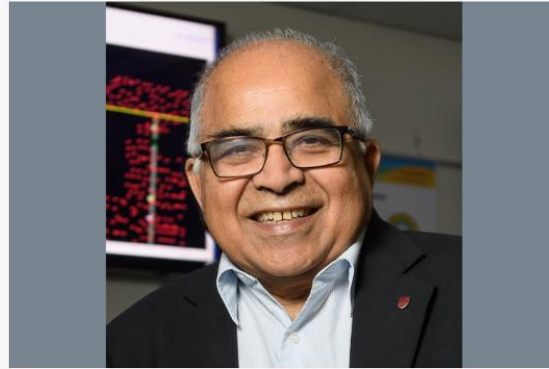


# PSERC Success Stories



## [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)



**Thank You Sponsor!**

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