



POWER APPLIED R&D

ASME Power Division Conference

Responsible. Reliable. Power for All.

Long Beach, CA | August 6-8, 2023

IN-PERSON EVENT



KEYNOTE/PLENARY

KEYNOTE

RANI SHEA

Your leader in digital transformation. This is our mission: enabling our clients to unlock the digital future with our ecosystem. So, whatever you need to transform your business, making an impact to society, create unseen opportunities – we have the right people, the knowledge and partners to achieve your vision.

CHIEF EXECUTIVE OFFICER

Siemens Advanta North America

PLENARY

DR. SYDNI CREDLE

Driving innovation and delivering solutions for an environmentally sustainable and prosperous energy future, Ensuring affordable, abundant and reliable energy that drives a robust economy and national security, while Developing technologies to manage carbon across the full life cycle, and Enabling environmental sustainability for all Americans.

ACTING SR. FELLOW

National Energy Technology Laboratory (NETL)

DIGITAL TWIN PANEL

RICK KEPHART
VP TECHNOLOGY
EMERSON

DR. DAVID TUCKER
HYPER PROJECT LEAD
NETL

DR. MARK BRYDEN
PROGRAM DIRECTOR
AMES LABORATORY

A JOURNEY TO SUSTAINABILITY PANEL

DR. HAMID RAHAI
ASSOCIATE DEAN FOR RESEARCH AND
GRADUATE PROGRAMS
CALIFORNIA STATE UNIVERSITY, LONG BEACH

DR. RAÚL BAYOÁN CAL DEPARTMENT OF
MECHANICAL AND MATERIALS ENGINEERING
PROFESSOR PORTLAND STATE UNIVERSITY

This presentation will focus on urban aerodynamics and opportunities for harnessing wind energy potential within the urban environment.

For more information visit the link> WWW.EVENT.ASME.ORG/POWER



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WHY SUBMIT

This conference is for anyone who wants to stay technically current and on top of the power generation industry trends and developments. To help us shape our conference, we encourage presenters to submit abstracts for technical presentation only, that address the Power theme and topics.

The conference features keynote and plenary presentations, panel, workshops and exhibits where International subject matter experts present their views and expertise on current topics of importance to the global POWER Community.

TOPICS OF INTEREST

- 1 | Advanced Combustion Systems and Cycles**
Advanced Combustion Systems and Cycles Fuels, Combustion & Material Handling. Combustion Turbine Combined Cycles
- 2 | Steam Power Generation & Application**
Boilers & Heaters Recovery Steam Generators Power Plant Heat Exchangers & Cooling Technologies Steam Turbines, Generators and Auxiliaries
- 3 | Plant Management, Performance & Operations**
Risk Management, Cyber Security and Safety Plant Construction, Supply Chain Mgmt. & Economics Plant Performance and Operations Robotics and Drones Experimental and Computational Fluid Dynamics and Thermal Hydraulics and Data Analytics
- 4 | Sustainable Power Solutions**
Renewable Energy Systems Water Management, Beneficial Reuse, & Environmental Issues Integrated Energy Systems & Micro-grids Nuclear Forum
- 5 | Digital Twins Analysis & Cyber-Physical Systems**
Advanced Tools for Cyber-Physical Systems and Digital Twins

TECHNICAL PRESENTATION SCHEDULE:

Abstract Submission

May 1, 2023

Author Notification of Abstract Acceptance

May 19, 2023

For more information: event.asme.org/POWER

For technical presentation submissions, authors should submit a 400 to 650-word text-only abstract by **May 1, 2023** on the [Power website](#).

Conference Venue

Power Applied R&D 2023 will be conducted in person in Long Beach, CA.

