

UNIVERSITY OF
CALIFORNIA, IRVINE

CALPLUG WORKSHOP

NOVEMBER 10, 2022 | 10 AM - 2 PM

UNIVERSITY OF
CALIFORNIA, IRVINE
CALIT2 AUDITORIUM

UC Irvine

CALPLUG WORKSHOP

This workshop is addressing climate concerns for Plug and Process Loads (PPLs) with executable solutions to balance energy consumption of electrical devices with climate concerns.

- 10:00 AM** Check In
- 10:20 AM** Welcome by **GP Li**, Director and Professor
- CalPlug
- 10:30 AM** **Danielle Prezioso**, Renewable Energy Research Scientist
- Pacific Northwest National Laboratory (PNNL)
- 10:55 AM** **Louis Ting**, Director of Power Engineering & Technical Services,
- Los Angeles Department of Water and Power
- 11:20 AM** **Genaro Bugarin Jr.**, Director of Energy Innovation
- The Energy Coalition
- 11:45 AM** **Andrea Warner**, Business Relationship Manager
- Orange County Power Authority
- 12:10 PM** Speaker Discussion
- 1 PM** Lunch and Networking Reception

AGENDA

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G.P. Li



CalPlug UC Irvine

Director and Professor

Danielle Prezioso



**Pacific Northwest
National Laboratory**

Renewable Energy
Research Scientist

Louis Ting



**Los Angeles Department
of Water and Power**

Director of Power
Engineering & Technical
Services

MEET THE SPEAKERS

G. P. Li is a professor at the University of California, Irvine, with appointments in two departments: Electrical Engineering and Computer Science and Biomedical Engineering, and Materials and Manufacturing Technology program. Dr. Li serves as director of California Institute for Telecommunications and Information Technology (Calit2), which develops solutions for digital transformation of energy and environmental industrial sectors. Dr. Li is also director of the Integrated Nanosystems Research Facility (INRF) in The Henry Samueli School of Engineering, which researches and develops sensors and actuators for industry 4.0 applications. He also serves as director of California Plug Load Research Center (CalPlug), which research and develop solutions for improving flexible demand plug loads' energy efficiency and their active management.

Danielle Prezioso is a systems engineer at the Pacific Northwest National Laboratory. Her research focuses on enabling the adoption and integration of renewable and distributed energy resources to promote an equitable low-carbon future. She has experience assessing wind and marine energy resources, analyzing the domestic and international distributed wind markets, integrating equity into energy systems and decision making processes, and conducting valuation studies for transactive energy systems. Danielle received a BS in mathematics from Bryn Mawr College and an MS in sustainable energy from the Iceland School of Energy at Reykjavik University. She is currently a doctoral candidate in the socio-technical systems program at Stevens Institute of Technology.

Louis Ting is the Director of Power Engineering & Technical Services for the Los Angeles Department of Water and Power. With 30 years at LADWP, currently he is responsible for the transition to a clean energy future focusing on modernizing the grid to enable clean transportation electrification programs and strategies, implementing LA100 goals to strengthen LA's distribution and transmission grids, harden and decarbonize in-basin generation, and executing major programs and projects for LA's Power System.

Genaro Bugarin Jr.



The Energy Coalition
Director of Energy
Innovation

Andrea Warner



**Orange County Power
Authority**
Business Relationship
Manager

MEET THE SPEAKERS

Genaro's current work is on the intersection of decentralized energy systems and community engagement, working to make clean energy affordable and accessible to everyone. Genaro graduated from the Thayer School of Engineering at Dartmouth College and obtained an M.B.A. from USC's Marshall School of Business. He is a Certified Energy Manager (CEM) and LEED Accredited Professional (AP).

Andrea Warner joined Orange County Power Authority in January 2022 as Business Relationship Manager. Ms. Warner focuses on developing strategic stakeholder alliances by understanding commercial customers' most important business needs and economic drivers and determining how current or new OCPA programs can assist in aligning solutions with OCPA's goals and objectives.

Ms. Warner has more than 18 years of sales and business management experience across diverse organizations. Her background is in large account management, establishing herself as a trusted partner by facilitating close working relationships between organizations and their customers. Having acquired strong skills in planning, client relations, team leadership, and cross-functional coordination, she has launched and successfully operated creative entrepreneurial ventures while managing all operational efficiencies.

Her keen understanding of the business landscape and ingenuity will be key elements of her role to broaden the reach and impact of OCPA. As the Business Relationship Manager for OCPA, Andrea is assisting Irvine customers with the integration of their sustainability goals, and specific energy needs.