

## CE-CERT 2025 Events Report

### Conferences and Webinars

Date	Event	Description
Feb 13	Unlock Your Career Potential with MyIDP	CE-CERT hosted a two-session virtual workshop for Ph.D. students, introducing the MyIDP tool to support career planning, goal setting, and exploration of diverse pathways within and beyond academia.
Feb 21	Binational Working Group: CARB EPA Waiver	CE-CERT convened researchers and policymakers to assess the cross-border impacts of CARB's withdrawal of its Advanced Clean Fleets waiver request, highlighting environmental and economic implications.
Apr 17–18	14th Annual International OSAR Conference	Hosted at the Bourns Technology Center, this conference brought together over 100 attendees to explore advancements in onboard sensing technologies and emissions compliance.
May 1	Solar Valley Annual Conference 2025	CE-CERT convened energy leaders to address solar funding gaps, grid integration, and regional resilience, featuring keynote speakers from CEC and UC Berkeley.
May 1–2	North American Hydrogen Engine Conference	CE-CERT hosted its inaugural hydrogen engine conference, bringing together 150+ participants to discuss R&D, infrastructure, and regulatory pathways.
May 10	Riverside EV Knowledge Workshop	CE-CERT partnered with local organizations to educate the community on EV adoption, incentives, and readiness through an interactive workshop.
Oct 29	ITS Forum	CE-CERT co-hosted a global forum on intelligent transportation systems, featuring panels on AI, connected infrastructure, and automated mobility.

### Outreach Events

Date	Event	Description
Apr 9	Climate Careers Panel Discussion	CE-CERT hosted a virtual Earth Month panel highlighting climate career pathways across government, nonprofit, and planning sectors.

<b>Date</b>	<b>Event</b>	<b>Description</b>
Apr 28	Riverside Clean Air Carshare Launch	CE-CERT participated in the launch of a hydrogen-powered carshare program, including ride-and-drive demonstrations and community engagement.
May 14	Riverside Unity Basketball Game	CE-CERT engaged with local youth through tabling and outreach at a community basketball event.
May 21	CARB Showcase	CE-CERT participated in the CARB showcase event (additional details forthcoming).
Oct 9	STEPCon 2025	CE-CERT hosted student tours showcasing research facilities and career pathways in environmental engineering and clean technology.

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### Research Seminars

<b>Date</b>	<b>Speaker</b>	<b>Title/Topic</b>
Mar 4	Dr. Mohamed Becherif	Hybrid energy systems and fuel cell integration for electric mobility.
May 19	Dr. Abhilash Vijayan	Methane monitoring strategies using satellite, drone, and mobile technologies.
Jun 17	Dr. Arvind Thiruvengadam	Evolution of diesel engines and emissions regulations.
Aug 19	Saswat Priyadarshi Nayak	Improving positioning integrity in connected and automated vehicle systems.
Aug 26	Sanghee Han	Chemical properties and environmental behavior of secondary organic aerosols.
Sep 30	Yeja Liao	Agent-based modeling framework for freight emissions and exposure mitigation.
Sep 30	Dr. Vinay Premnath	Particulate emissions from Li-ion battery thermal runaway events.

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### Trainings and Workshops

<b>Date</b>	<b>Event</b>	<b>Description</b>
Nov 19	Media Training Workshop	CE-CERT faculty participated in training to improve communication of complex research to media and public audiences.
Nov 20	Presentation Skills Workshop	Participants developed public speaking and presentation skills through an interactive workshop led by Dr. Annika Speer.
Dec 3	Water–Energy Nexus Workshop	CE-CERT hosted regional stakeholders to explore clean energy transitions in water infrastructure systems.
Dec 9	OMEGA Dissemination Workshop	CE-CERT presented research outcomes and engaged partners in advancing transportation efficiency strategies.

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### Community Engagement

<b>Date</b>	<b>Event</b>	<b>Description</b>
May 21	Community Air Quality Awareness Program	CE-CERT partnered with local schools to engage students in air quality research and environmental advocacy.
Jun 23	SoCal OASIS Park Groundbreaking	CE-CERT supported the launch of a regional clean tech hub integrating research, workforce development, and entrepreneurship.
Oct 7	CE-CERT Annual Open House	CE-CERT welcomed community members for lab tours, demonstrations, and interactive exhibits on clean energy and transportation.

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### CE-CERT Internal Events

<b>Date</b>	<b>Event</b>	<b>Description</b>
Jan 28	Lunar New Year Potluck	CE-CERT staff celebrated with a cultural potluck fostering community connection.
Jun 13	Summer Social	Staff gathered for a seasonal celebration marking the end of the academic year.
Jun 17	Retirement Reception	CE-CERT honored the contributions of Sadrul Ula and Tom Durbin.

<b>Date</b>	<b>Event</b>	<b>Description</b>
Jul 1	Ice Cream Social	Community-building event hosted with BCOE.
Jul 18	Game Night	Staff engagement event featuring social games and networking.
Sep 23	SPEAKS Orientation	Orientation event welcoming the new SPEAKS student cohort.
Nov 18	Fall Potluck Bake-Off	Seasonal potluck promoting community engagement across research groups.
Dec 5	Holiday Gathering & Gift Exchange	End-of-year celebration fostering collaboration and appreciation.

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#### **CE-CERT External Events**

<b>Date</b>	<b>Event</b>	<b>Description</b>
Jul 22	BCOE-UCR MESA Program Orientation	CE-CERT hosted a regional STEM education kickoff event.
Jul 30	Office of Technology Partnerships Meeting	Event introducing entrepreneurial support programs (cancelled).
Sep 11	CTTC Board Meeting	Automotive innovation meeting hosted at CE-CERT (cancelled).
Dec 13	FIRST LEGO League Tournament	CE-CERT co-hosted a major youth robotics competition with over 600 participants.