

Monday | February 16

Tuesday | February 17

1PM - 3PM

1PM - 3PM

J1. FLEET

J5. H₂ FUEL CELLS

Co-Chair
Yair Crane

Co-Chair
Randall
Bramston-Cook

- J1.1 ALTERNATIVE FUELS FLEET ANALYSIS TO REDUCE FUEL COSTS & GHG EMISSIONS**
Kevin Wood, Project Mgr - Clean Transportation, Center for Sustainable Energy; Randy Wilde
- J1.2 CLEAN VEHICLES TECHNOLOGY: FUELING WITH H2 GENERATED FROM ALTERNATIVE FUELS**
Dara Grigoroza, CEO, Adventure AD
- J1.3 THE DEVELOPMENT OF CALIFORNIA LIGHT-DUTY VEHICLE (LDV) REQUIREMENTS TO SUPPORT CLIMATE STABILIZATION: FLEET-EMISSION RATES & PER-CAPITA DRIVING**
Michael Bullock, Transportation Committee Chair, San Diego Sierra Club
- J1.4 IMPROVING TURN TIMES: HARNESSING GPS DATA FOR DRAYAGE TRUCK EFFICIENCY**
Yair Crane, Associate, E2 ManageTech; Greg Alexander
- J1.5 WEST COAST ELECTRIC FLEETS**
Randy Wilde, Project Associate, Center for Sustainable Energy

- J5.1 DESIGN OF A HYDROGEN FUEL ANALYZER**
Edward Bramston-Cook, Principal, Lotus Consulting; Randall Bramston-Cook, Lotus Consulting; David Blekhman, California State University; Yu Chen, Tiger Optics, LLC
- J5.2 CONVERTING A 14-TURBINE STRANDED WINDPLANT TO PRODUCE HYDROGEN FUEL FROM 100% OF AEP**
Bill Leighty, Principal, Alaska Applied Sciences, Inc.
- J5.3 COMMERCIALIY VIABLE FUEL CELL TELECOM BACKUP POWER SOLUTIONS**
Kevin White, Director of Sales - Americas, Ballard Power Systems Inc.
- J5.4 RENEWABLE & SUSTAINABLE ENERGY - SOLAR TO HYDROGEN FOR FUEL CELL ELECTRICITY**
Thomas W. Oakes, PhD, CEO, Solar Hydrogen Energy Co
- J5.5 PERFORMANCE OF HYDROGEN FUEL ANALYZER**
Randall Bramston-Cook, Principal, Lotus Consulting; Edward Bramston-Cook, Lotus Consulting; David Blekhman, PhD, California State University; Yu Chen, Tiger Optics LLC

Tuesday | February 17

7:30AM - 9:30AM

J3. EV, PHEV HYBRID SYSTEMS

Co-Chairs
Joel Pointon
&
Edward
Lovelace

- J3.1 MULTI-UNIT DWELLING VEHICLE CHARGING - CHALLENGES & RESOURCES**
Joel Pointon, Electric Trans. Manager, San Diego Gas & Electric
- J3.2 SAN DIEGO REGIONAL ELECTRIC VEHICLE READINESS PLAN: ACCELERATING THE ADOPTION OF PLUG-IN VEHICLES**
Anna Lowe, Associate Regional Energy/Climate Planner, San Diego Association of Governments (SANDAG)
- J3.3 HOW HYBRID ELECTRIC FLEETS BOOST SUSTAINABILITY & BRAND AWARENESS**
Edward Lovelace, Chief Technology Officer, XL Hybrids
- J3.4 ELECTRIC VEHICLES AND WORKPLACE CHARGING**
Randy Schimka, Project Manager - Clean Transportation, San Diego Gas & Electric
- J3.5 HAVE ELECTRIC VEHICLES ALREADY WON?**
Andrew Went, PhD Student, Curtin University Sustainability Policy Institute (CUSP)
- J3.6 WORKPLACE CHARGING IS CRUCIAL FOR EV ADOPTION**
Bill Williams, Head of North American Sales - EV Chargers, Telefonix, Inc.; John Hipchan

10AM - 12PM

J4. BATTERY & STORAGE SYSTEMS

Session Sponsor
and Co-Chair



Victor Shao

Co-Chair
William Conlon

- J4.1 ADVANCED LEAD ACID BATTERY TECH. FOR MICRO & MILD HYBRID EV APPLICATION**
Shawn Peng, V.P of Technology, Leoch Battery Corp.
- J4.2 SECONDARY USE APPS. OF PLUG-IN ELECTRIC VEHICLE LITHIUM-ION BATTERIES**
Mike Ferry, Senior Specialist - Advanced Energy Projects, Center for Sustainable Energy; Michele Bogen
- J4.3 HOW CAN INTELLIGENT ENERGY STORAGE BE COST EFFECTIVE?**
Victor Shao, CEO, Green Charge Networks
- J4.4 LAPS CYCLE FOR BULK ENERGY STORAGE**
William Conlon, President, Pintail Power LLC
- J4.5 LI-ION BATTERY TECHNOLOGY BASED ENERGY STORAGE SYSTEM - CHALLENGES, OPPORTUNITIES AND APPLICATIONS**
Yuan Dao, PhD, Elite Power Solutions, LLC
- J4.6 NMP FREE MANUFACTURING PROCESSES APPLIED TO GRID SCALE LITHIUM ION ENERGY STORAGE APPLICATIONS**
Rajshakar DasGupta, Vice President Technology, Electrovaya
- J4.7 OPERATING ZONES IDENTIFICATION FOR INDEPENDENT-ENERGY-STORAGE**
Hussein Abdeltawab, Teaching Assistant, U. of Alberta; Yasser Mohamed Abdel Rady