



# CalPlug

## Earth Day Workshop

April 22, 2021

ONE planet

ONE purpose

EVERYONE working together

# Earth DAY T I M E L I N E

## 1969

### SYMBOLIC FIRE

A FIRE STARTS IN THE CLEVELAND'S CUYAHOGA RIVER BECAUSE OF A CHEMICAL WASTE SPILL. SYMBOLIC BECAUSE IT WAS ONE OF THE TURNING POINTS TO RESOLVE AGAINST POLLUTION.



## 1970

### 1ST EARTH DAY

APRIL 22, 1970:  
BECOMES THE FIRST EVER EARTH DAY IN THE UNITED STATES WITH OVER 20 MILLION PEOPLE PARTICIPATING.



## 1963

### AWARENESS

PRESIDENT KENNEDY WENT ON US TOUR TO RAISE ENVIRONMENTAL AWARENESS BECAUSE HE WAS PROMPTED BY NELSON, WHO RAISED SUCH EFFORTS AS GOVERNOR OF WISCONSIN AND ELECTED SENATE IN 1962.



## 1969

### LIGHTBULB IDEA

THE FIRST TIME GAYLORD NELSON ANNOUNCES THE IDEA OF EARTH DAY.



## 1970

### ADVOCACY GROUP

NATURAL RESOURCES DEFENSE COUNCIL (NRDC), AN ENVIRONMENTAL ADVOCACY GROUP WAS FOUNDING AND NOW HAS OVER 1 MILLION MEMBERS AND OVER 300 SCIENTISTS THROUGHOUT THE WORLD.



# EARTH DAY TIMELINE

## 1970

### COMBAT

PRESIDENT RICHARD NIXON ESTABLISHES THE U.S. ENVIRONMENTAL PROTECTION AGENCY TO COMBAT HARM TO THE NATURAL ENVIRONMENT.



## 1995

### NELSON AWARDED

PRESIDENTIAL MEDAL OF FREEDOM IS AWARDED TO GAYLORD NELSON BY PRES. BILL CLINTON FOR HIS ROLE IN THE CREATION OF EARTH DAY.



## 2020

### 50TH ANNIVERSARY

50TH ANNIVERSARY OF EARTH DAY "CLIMATE ACTION" AND WAS CELEBRATED WITH "THE GREAT GLOBAL CLEANUP," WHICH DEDICATED THE DAY TO CLEANING UP GREEN SPACES AND URBAN CENTERS. OVER 100 MILLION PEOPLE IN 192 COUNTRIES PARTICIPATED.

## 1990

### 20TH ANNIVERSARY

20TH ANNIVERSARY OF EARTH DAY AND IS CELEBRATED GLOBALLY FOR THE FIRST TIME.



## 2000

### 30TH ANNIVERSARY

30TH ANNIVERSARY OF EARTH DAY, FOCUS IS 'CLEAN ENERGY.'



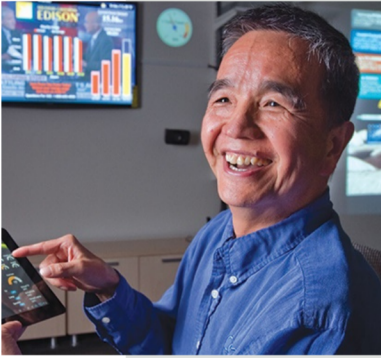


# CALPLUG WORKSHOP AGENDA

9 AM	<b>G.P. LI</b> – DIRECTOR OF CALPLUG –WELCOME
9:10 AM	<b>DOUG JOHNSON &amp; KIM TRENBATH</b> –INTRODUCE CALPLUG 2.0
9:25 AM	<b>DAVID JACOT</b> – LADWP –LA’S LA KRETZ INNOVATION CAMPUS AND CLEANTECH INCUBATOR
9:45 AM	<b>EDWIN HORNQUIST</b> – SCE –SCE’S PATHWAY TO BENEFICIAL BUILDING ELECTRIFICATION
10:05 AM	BREAK
10:10 AM	<b>ANN HANCOCK</b> – CLIMATE CENTER –ACCELERATING CLIMATE ACTION IN CALIFORNIA
10:30 AM	<b>YENNIE SOLHEIM</b> – NIAN TIC LABS –HOW AR GAMES CAN INSPIRE SUSTAINABILITY
10:50 AM	<b>LUC SEVERI</b> – SUSTAINABLE ENERGY FOR ALL –POWERING HEALTHCARE: SETTING THE SCENE
11:10 AM	<b>JOY PIXLEY</b> – CALPUG MODERATOR –CALL TO ACTION: EVERYONE WORKING TOGETHER
11:50 AM	<b>G.P. LI</b> –WRAP-UP
12:00 PM	WORKSHOP CONCLUDES



# MEET THE CALPLUG TEAM



G.P. Li

G.P. LI IS A PROFESSOR AT UC IRVINE, WITH APPOINTMENTS IN TWO DEPARTMENTS: ELECTRICAL ENGINEERING & COMPUTER SCIENCE AND BIOMEDICAL ENGINEERING. HE ALSO SERVES AS CALIT2 DIVISION DIRECTOR AND DIRECTOR OF THE INRF IN THE SAMUELI SCHOOL OF ENGINEERING.



Doug Johnson

MR. JOHNSON IS RESPONSIBLE FOR PUBLIC POLICY ISSUES AFFECTING PRODUCT DEVELOPMENT, OPERATIONS, SALES AND MARKETING ACROSS THE CONSUMER TECHNOLOGY INDUSTRY. HE ADVOCATES FOR THE TECH SECTOR BEFORE REGULATORS AND LEGISLATORS AT THE LOCAL, NATIONAL AND INTERNATIONAL LEVELS ON ISSUES SUCH AS ENERGY EFFICIENCY, REGULATORY REFORM, IN-FLIGHT TECHNOLOGY USE, AND POLICY CONCERNING THE OPERATION OF CONSUMER AND COMMERCIAL DRONES.



Kim Trenbath

KIM TRENBATH IS THE LEAD FOR THE NREL PLUG AND PROCESS LOADS TECHNOLOGY RESEARCH TEAM AT THE NATIONAL RENEWABLE ENERGY LABORATORY. SHE LEADS BUILDING SCIENCE RESEARCH TEAMS ON SYSTEMS TECHNOLOGY. WHILE EARNING HER PH.D. IN ATMOSPHERIC SCIENCE, SHE RESEARCHED CLIMATE CHANGE AND INDOOR AIR QUALITY.



Joy Pixley

JOY PIXLEY SPECIALIZES IN HUMAN SUBJECTS RESEARCH METHODS, SUCH AS SURVEYS AND FIELD TESTS. SHE STUDIES HOW USERS AFFECT ENERGY OUTCOMES FOR PLUG LOAD DEVICES & HOW TO IMPROVE USER BEHAVIOR THROUGH BETTER DEVICE DESIGN, USER EXPERIENCE ANALYSIS, AND FEEDBACK INTERVENTIONS.

*about*



I'M DAVID JACOT  
DIRECTOR OF  
EFFICIENCY  
SOLUTIONS AT  
LADWP

David is the Director of Efficiency Solutions for the Los Angeles Department of Water & Power (LADWP). David oversees all aspects of LADWP's offerings and strategies designed to overcome market barriers to the comprehensive adoption of energy efficiency by LADWP's customers.

*about*

Edwin Hornquist is the Emerging Technologies Program Manager at Southern California Edison based in Rosemead, California. Previously, Edwin was the President at the Southern California ASHRAE chapter. His program funds support new technology advancement into customer programs that support California's goals.

I'M EDWIN HORNQUIST  
PROGRAM MANAGER  
OF EMERGING  
TECHNOLOGIES AT  
SCE



about

Ann Hancock co-founded The Climate Center in 2001, and was its Executive Director until 2019 when she recruited a new CEO and became Chief Strategist. The organization now leads Climate-Safe California, a campaign to accelerate the state's climate goals to meet the most current science, achieve net-negative emissions statewide by 2030, and be a worldwide model. The Climate Center has been a key leader in the exponential growth of Community Choice Energy which serves more than 11 million Californians with 88% GHG electricity.

I'M ANN HANCOCK  
CO-FOUNDER OF  
THE CLIMATE  
CENTER



about



I'M YENNIE  
SOLHEIM  
DIRECTOR OF  
SOCIAL IMPACT  
AT NIANTIC LABS

Yennie Solheim is the Director of Social Impact at Niantic, the AR tech company behind games like Ingress and Pokémon GO. In her 10 years at Niantic, she's spent time across partnerships, marketing, and social impact, with a focus on using games for good. She's the author of "Eva the Engineer", a children's book, and the proud mom of two young girls.



*about*

Luc focuses on the energy access gap in the health sector and the humanitarian sector. He holds a Master's in Commercial Engineering from KULeuven and an MSc Development Management from the London School of Economics. Luc worked in Mozambique, Senegal, and Liberia, for several international NGOs and social enterprises, including SolarNow and Save the Children International.

I'M LUC SEVERI  
PROGRAMME  
MANAGER AT  
SUSTAINABLE  
ENERGY FOR ALL



THANK YOU FOR  
ATTENDING OUR WORKSHOP!

HERE ARE SOME RESOURCES TO LEARN ABOUT HOW YOU  
CAN HELP SAVE OUR EARTH.

<https://www.calit2.uci.edu> || <http://calplug.org> || <https://www.earthday.org/take-action-now>