

# Opening Remarks

Christopher Jannuzzi, *CEO and Executive  
Director, The Electrochemical Society*



# PRiME 2020 General Meeting Sponsors

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## Silver

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MDPI – Publisher of Open Access Journals  
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The joint international meeting of:



238th Meeting of  
The Electrochemical  
Society (ECS)



2020 Fall Meeting of  
The Electrochemical  
Society of Japan (ECSJ)



2020 Fall Meeting of  
The Korean  
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## Digital Exhibitor & Vendor Guide

### PRIME 2020

Pacific Rim Meeting on Electrochemical & Solid-State Science

October 2020

# SYMPOSIUM SPONSORS

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## Platinum

L02: Molten Salts and Ionic Liquids 22



Army Research Office

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A01: Intercalation Chemistry for Electrochemical Energy Storage Technologies:  
*In Honor of M. Stanley Whittingham*



Thermo Fisher Scientific

I01: Polymer Electrolyte Fuel Cells & Electrolyzers 20 (PEFC&E 20)



Office of Naval Research

## Silver

A01: Intercalation Chemistry for Electrochemical Energy Storage Technologies:  
*In Honor of M. Stanley Whittingham*



Albemarle Corporation



EcoPro BM



Toyota Motor North America

E03: Electrochemical and Electroless Deposition of Thin-films and Nanostructures - Theory, Numerical Simulations, and Applications



Lam Research Corporation

G01: Semiconductor Wafer Bonding: Science, Technology and Applications 16



EV Group

G02: Atomic Layer Deposition Applications 16



Gelest



Lam Research Corporation



TEL

G03: SiGe, Ge, and Related Compounds: Materials, Processing, and Devices 9



GlobalFoundries

I01: Polymer Electrolyte Fuel Cells & Electrolyzers 20 (PEFC&E 20)



Army Research Office

## Bronze

A01: Intercalation Chemistry for Electrochemical Energy Storage Technologies: *In Honor of M. Stanley Whittingham*



ARKEMA France



Livent



GM Global Technical Center



Hydro-Québec



PEC North America  
Research Corporation

A04: Electrolytes, Interfaces, and Interphases



Enchem Co., Ltd

G01: Semiconductor Wafer Bonding: Science, Technology and Applications 16



Applied Microengineering LTD

G02: Atomic Layer Deposition Applications 16



AMAT Inc.



ASM International NV

L02: Molten Salts and Ionic Liquids 22



Sumitomo Metal Mining Co., Ltd.

## Contributing

A01: Intercalation Chemistry for Electrochemical Energy Storage Technologies:  
*In Honor of M. Stanley Whittingham*  
PolyPlus Battery Company  
Scienta Omicron, Inc.

G02: Atomic Layer Deposition Applications 16  
Air Liquide

EMD Performance Materials  
RASIRC  
Veeco





Stefan De Gendt,  
*ECS President*



Susumu Kuwabata,  
*ECSJ President*



Woonsup Shin,  
*KECS President*



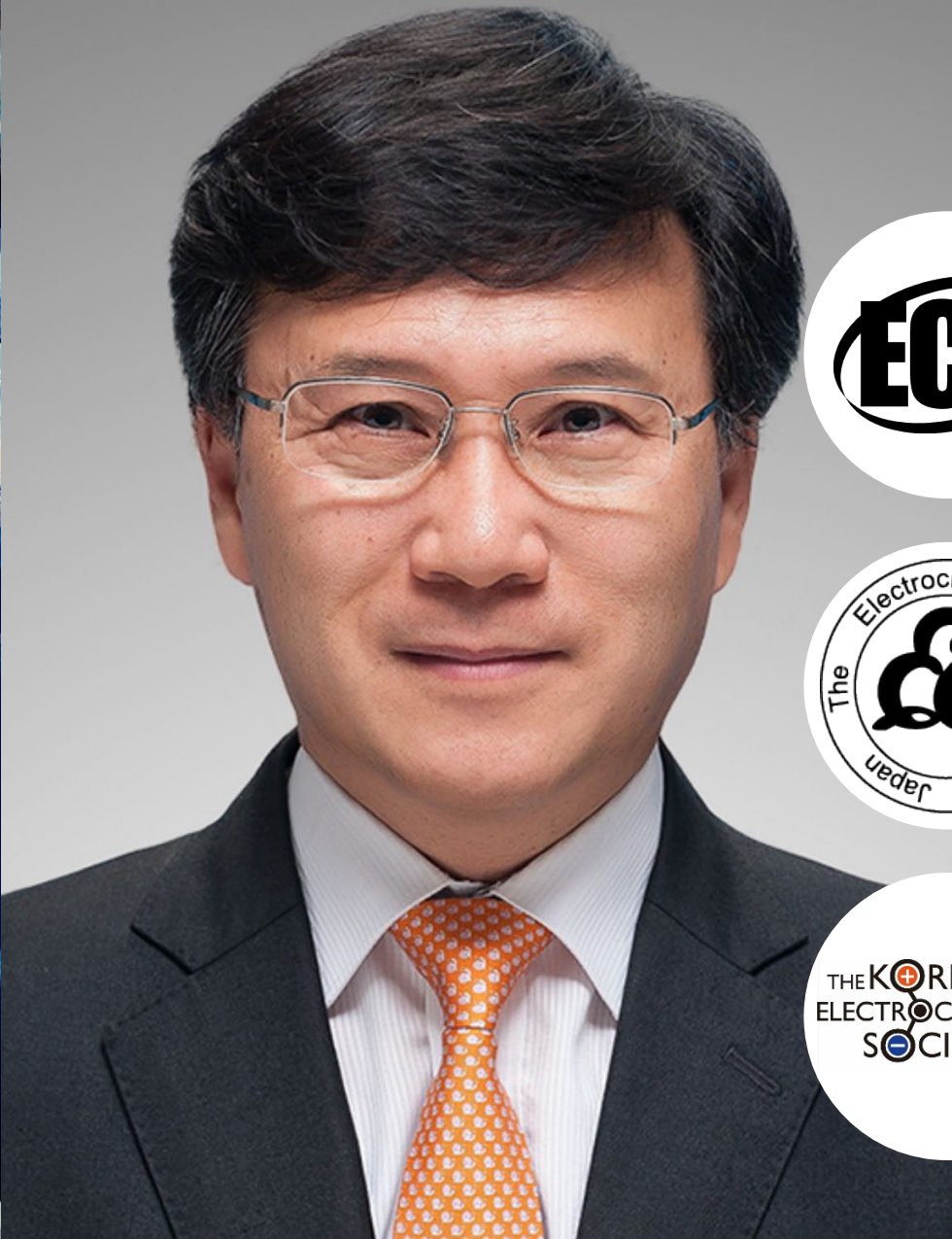


# Remarks from The Electrochemical Society of Japan

Susumu Kuwabata, *President*







**PRIME**<sup>TM</sup>  
**PACIFIC RIM MEETING**  
ON ELECTROCHEMICAL  
AND SOLID STATE SCIENCE  
**2020**

# Remarks from The Korean Electrochemical Society

Woonsup Shin, *President*





**Stefan De Gendt**

**ECS President**

# PRIME 2020 BY THE NUMBERS

**2,300+**  
registered  
presenters

including over  
**1,100**  
students

**19**  
symposia



hosting  
**75**  
live  
sessions



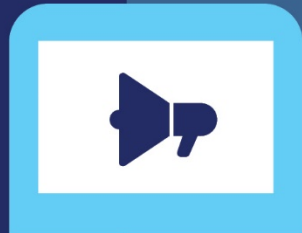
**3,800**  
presentations  
files

including  
videos,  
posters,  
and  
slides

**54** keynote &  
award talks



**1,500+**  
slides



**376**  
invited talks

**3,300+**  
active abstracts

**1,800+**  
videos

**370+**  
posters



**PRIME**<sup>TM</sup>  
PACIFIC RIM MEETING  
ON ELECTROCHEMICAL  
AND SOLID STATE SCIENCE

**2020**





# ECS History







# PRIME

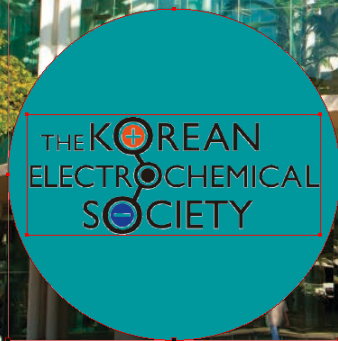
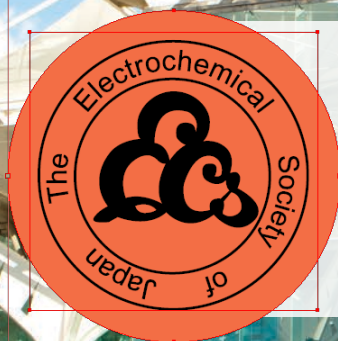
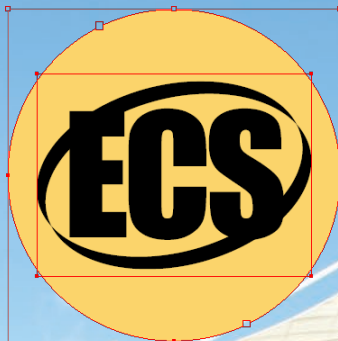
Past, Present, and Future



# PRIME Past - ECSJ







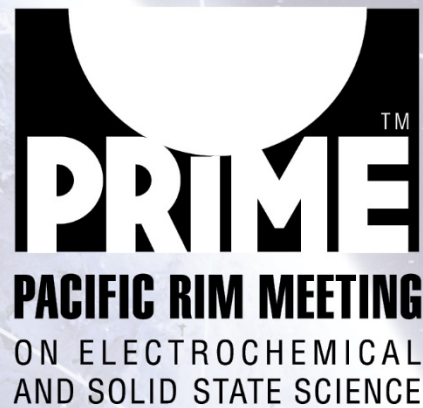
# PRiME Present - KECS





# COVID-19





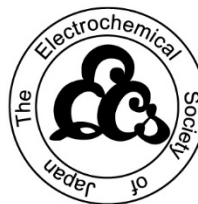
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**PACIFIC RIM MEETING**  
ON ELECTROCHEMICAL  
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**with the Technical Co-Sponsorship of:**

Japan Society of Applied Physics (JSAP)  
Chinese Society of Electrochemistry (CSE)  
Semiconductor Division, Korean Physical Society (KPS)

Society of Polymer Science, Japan (SPSJ)  
Korea Photovoltaic Society (KPVS)  
Korean Institute of Chemical Engineers (KICHE)  
Electrochemical Society of Taiwan (ECSTw)





**PACIFIC RIM MEETING**

ON ELECTROCHEMICAL  
AND SOLID STATE SCIENCE

**2024**

# SAVE THE DATE

**OCTOBER 6-11, 2024**

**PRIME 2024**  
**HONOLULU**  
**HAWAII, USA**

*Hawaii Convention Center & Hilton Hawaiian Village*







# Thank You!

PRiME 2020 Organizing Committee



THE KOREAN  
ELECTROCHEMICAL  
SOCIETY



ECS

*ECS Co-Chair:* Stefan De Gendt  
*ECSJ Co-Chair:* Yasushi Katayama  
*KECS Co-Chair:* Won Il Cho  
*ECS:* Christina Bock  
*ECSJ:* Kaoru Dokko  
*ECS:* Andrew Hoff  
*KECS:* Jae-Joon Lee  
*ECS:* Boryann Liaw  
*KECS:* Jong Hyeok Park  
*ECSJ:* Shoso Shingubara  
*ECSJ:* Wataru Sugimoto  
*KECS:* Won-Sub Yoon



# UPCOMING: Plenary Lecture

*Monday, October 5, 2020, 2000-2100h EDT*

*Tuesday, October 6, 2020, 0200-0300h CEST*

*Tuesday, October 6, 2020, 0900-1000h JST & KST*



**Perovskite Solar Cells: Past 10  
Years and Next 10 Years**

**Nam-Gyu Park of *Sungkyunkwan University***



# UPCOMING:

## Electrochemical Energy Summit (E2S): *The Electrification of Transportation*

*Tuesday, October 6, 2020, 2000-2130h EDT*

*Wednesday, October 7, 2020, 0200-0330h CEST*

*Wednesday, October 7, 2020, 0900-1030h JST & KST*

The **Electrochemical Energy Summit (E2S)** this year focuses on “The Electrification of Transportation,” and examines the growing role that electrochemistry and solid-state science play in providing sustainable solutions for global transportation systems.

### **Featured Speakers**

Hidetaka Nishikori, *New Energy and Industrial Technology Development Organization (NEDO)*

Chang Hwan Kim, *Hyundai Motor Company*

Sunita Satyapal, *United States Department of Energy*

The Electrochemical Society

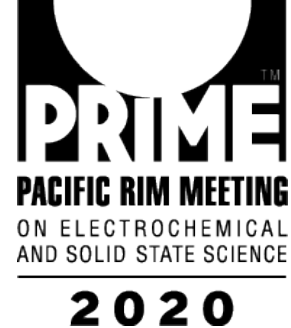


**electrochemical energy  
summit**





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# UPCOMING: Legends of Battery Science:

*A Celebration with M. Stanley Whittingham and Akira Yoshino*

*Wednesday, October 7, 2020, 2000-2130h EDT*  
*Thursday, October 8, 2020, 0200-0330h CEST*  
*Thursday, October 8, 2020, 0900-1030h JST & KST*

It is our great honor to celebrate, with this special event featuring M. Stanley Whittingham and Akira Yoshino, the awarding of the **2019 Nobel Prize in Chemistry** to the pioneers of the lithium ion battery.





# UPCOMING: Awards and Recognition Session

*Thursday, October 8, 2020, 2000-2100h EDT*

*Friday, October 9, 2020, 0200-0300h CEST*

*Friday, October 9, 2020, 0900-1000h JST & KST*

Celebrate today's greatest researchers' achievements in electrochemistry and solid state science!