

# Compound Semiconductor Week 2023 (CSW 2023)

Abstract Submission: January 13, 2023

May 29 – June 2, 2023

Ramada Plaza Jeju Hotel, Jeju, Korea

## Call for Papers

The Compound Semiconductor Week (CSW) is the premier forum for science, technology, and applications of compound semiconductors. CSW 2023 is organized by the Semiconductor Physics Division of the Korean Physical Society (KPS) and focuses on the promotion of advanced research related to compound semiconductors.

CSW 2023 follows a series of successful meetings last held in Michigan, USA (2022), Stockholm, Sweden (2021, held virtually due to Covid-19), Nara, Japan (2019), Boston, USA (2018), Berlin, Germany (2017), Toyama, Japan (2016), Santa Barbara, USA (2015), Montpellier, France (2014), and Kobe, Japan (2013) and continues the tradition of bringing the compound semiconductor community together to discuss the latest advances in the field. As in previous years, CSW joins its predecessors, International Symposium on Compound Semiconductors (ISCS) and International Conference on Indium Phosphide and Related Materials (IPRM) in one event. CSW 2023 is the joint venue for the 49th ISCS and the 34th IPRM.

The conference will provide a variety of programs including distinguished presentations, networking events, and tours to benefit from informative and enriching discussions as well as to initiate cross-disciplinary collaborations for the advancement of research.

We are looking forward to receiving your abstracts with the most recent and exciting developments on compound semiconductors.

## Important Dates

Abstract Submission Deadline: January 13, 2023

Acceptance Notification: March 29, 2023

Early Registration Deadline: April 28, 2023

CSW 2023 invites all professionals and academics interested in the most recent and exciting developments on compound semiconductors to submit oral and poster. We are looking forward to receiving your abstracts with the latest and high-quality research results on compound semiconductors.

01. Epitaxy, Fabrication, and Related Technologies
02. RF and THz Devices
03. High Power and High Frequency Electron Devices
04. Wide Bandgap Semiconductors
05. Photonic and Optoelectronic Devices and Related Technologies
06. Semiconductor Physics, Spintronics, Ferroelectronics, and Novel Device Concepts
07. Nanostructure and Nano Characterization
08. Oxide Semiconductors
09. Nanocarbon and Novel 2D Materials/Devices
10. Organic Semiconductors and Flexible Materials
11. Optoelectronics, Integrated Photonics, and III-V Electronic Devices on Si

## Special Sessions: Emerging Materials and Innovative Technologies

- SS1. Emerging Materials and Devices
- SS2. Self-Driving Mobility and AI Applications
- SS3. High-Resolution and Multi-Functional Display Technology
- SS4. New-Conceptual Quantum Information and Communication
- SS5. Highly Efficient Energy-Harvesting Technology
- SS6. Advanced Convergence Technologies

## Organizing Committee

- **General Chair**

Yong-Hoon Cho (KAIST, Korea)

- **Program Chair**

Jong Su Kim (Yeongnam University, Korea)

- **Program Vice-chairs**

Jae Su Yu (Kyung Hee University, Korea)

Sang-Wan Ryu (Chonnam National University, Korea)

- **General Secretary**

Jindong Song (KIST, Korea)

- **General Vice-secretary**

SangHyeon Kim (KAIST, Korea)

- **Local Arrangement**

Heesuk Rho (Jeonbuk National University, Korea) **\*Chair**

- **Publication**

Kwangseuk Kyhm (Pusan National University, Korea) **\*Chair**

- **Publicity**

Junseok Ha (Chonnam National University, Korea) **\*Chair**

- **Exhibition**

Hyunsik Im (Dongguk University, Korea) **\*Chair**

- **Finance**

Joon Seop Kwack (Korea Institute of Energy Technology, Korea)  
**\*Chair**

- **Treasurer**

Young-Jun Yu (Chungnam National University, Korea) **\*Chair**

- **Regional Advisory Committee**

Heonsu Jeon (Seoul National University, Korea) **\*Chair**

Yasuhiko Arakawa (University of Tokyo, Japan)

Eric Tournié (University of Monpellier, France)

Mattias Hammar (KTH Royal Institute of Technology, Sweden)

Grace Xing (Cornell University, USA)

Zetian Mi (University of Michigan, USA)

## Visit Jeju, Korea in 2023!

Located in the southwest of the Korean Peninsula, Jeju Island is a popular tourist destination among domestic and international travelers for its beautiful and pristine natural scenery. Jeju Island is a unique place worldwide, holding the honors of the natural science area such as UNESCO World Biosphere Reserve [2002], UNESCO World Natural Heritage Site [2007], and UNESCO World Geoparks Network [2010]



## Access to Jeju

Jeju International Airport, the 2nd largest airport in South Korea, is located in the north of Jeju Island. Jeju International Airport easily connects Korea with the major cities of China, Japan, and other Southeast Asian countries, via a total of 29 direct flight routes (13 domestic and 16 international). There are three ways to fly to Jeju Island: by direct international flight, by transferring at either Incheon International Airport or Gimpo Airport to a domestic flight to Jeju.

## Venue: Ramada Plaza Hotel Jeju



The conference venue is a 5-star hotel with 400 guest rooms and suites and a convention room with a meeting capacity of 1200 people. This country's first coastal hotel built right on the ocean is located just about 10~15 minutes away from Jeju International Airport and Jeju Port.

## CSW 2023 Secretariat

**PLANEX Lab., Inc. (PCO)**

Tel. +82-44-862-7962 / Fax. +82-44-862-7963

E-mail: [csw2023@csw2023.org](mailto:csw2023@csw2023.org)

Website: [www.csw2023.org](http://www.csw2023.org)