



ICMOVPE

XXII July 12-17, 2026
ICC JEJU, Jeju Island, Korea

CALL FOR PAPERS

Abstract Submission Deadline:

~~March 10, 2026~~

March 20, 2026

The 22nd International Conference on Metal Organic Vapor Phase Epitaxy (ICMOVPE XXII) will be held from July 12th to 17th, 2026, at the International Convention Center Jeju (ICC JEJU), Jeju Island, Korea.

We invite the submission of original, unpublished papers presenting recent advances in both fundamental and applied aspects of MOVPE in the following topics.

PLENARY SPEAKERS



Prof. Hiroshi Amano
Nagoya University,
Japan



Prof. Michael Heuken
RWTH Aachen University,
Germany



Dr. Andrew Allerman
Sandia National
Laboratories, USA

*Is AlGaIn the Future of
Next Generation
RF Transistor Technology*



Prof. Nicolas Grandjean
EPFL, Switzerland

*Near-perfect Quantum
Efficiency InGaN
LEDs through Growth
Engineering*



Prof. Joan Redwing
The Pennsylvania State
University, USA

*Advances in MOCVD for
Epitaxial Growth of Wafer-
Scale 2D Transition Metal
Dichalcogenides*

TOPICS

- Fundamental Growth Studies and Modelling of Epitaxial Processes
- III-V Materials and Devices (Nitride, Arsenide, etc.)
- II-VI Materials and Devices (CdTe, ZnSe, ZnS, etc.)
- IV-IV Materials and Devices (SiC, SiGe, GeSn, etc.)
- Oxides and Dielectrics (Ga₂O₃, TCO, etc.)
- Low Dimensional Structures (Dots, Wires, Wells, etc.)
- 2D Materials and Devices (TMDC, h-BN, etc.)
- van der Waals Heterostructures (2D/2D or 2D/3D Heterojunctions, Twisted 2D Heterostructures, etc.)
- High-temperature Superconductive Materials
- Advanced Epitaxy (Remote Epitaxy, Quasi-van der Waals Epitaxy, etc.)
- Patterned Growth and Selective Area Growth
- Atomic Layer Deposition and Etching
- Heterogeneous Integration / Wafer Bonding
- In-situ Monitoring, Process Control, and Reactor Modeling
- Nano-scale Characterization and Other Techniques
- Equipment & Safety, Environmental and Production Issues including Low-cost MOVPE

IMPORTANT DATES



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~~March 10, 2026~~
March 20, 2026



Acceptance Notification

April 24, 2026



Advance Registration Deadline

June 12, 2026

ICMOVPE XXII

The 22nd International Conference on
Metal Organic Vapor Phase Epitaxy

July 12 (Sun.) – 17 (Fri.), 2026
ICC JEJU, Jeju Island, Korea

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ABOUT JEJU ISLAND



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Located southwest of the Korean Peninsula, Jeju Island is a premier destination among domestic and international travelers, renowned for its pristine natural scenery.

Jeju is uniquely recognized worldwide, holding the prestigious “triple crown” of UNESCO designations: World Biosphere Reserve (2002), World Natural Heritage Site (2007), and Global Geopark (2010). The island encompasses a diverse array of natural wonders, including volcanic landscapes, waterfalls, pristine beaches, caves, and ancient forests.

Furthermore, Jeju's strategic geographical position makes it an ideal venue for international conferences. Situated at the heart of Northeast Asia, the island is easily accessible via direct flights from major hub airports in the region. For domestic travel, over 200 round-trip flights operate daily, ensuring convenient access for all participants.

CONFERENCE VENUE

ICMOVPE XXII will be held at the International Convention Center Jeju (ICC JEJU), located in the Jungmun Tourist Complex on Jeju Island, a UNESCO World Natural Heritage site. Surrounded by the cobalt-blue Pacific Ocean and Mt. Halla, ICC JEJU is a world-class, resort-style convention center. The seven-story venue provides state-of-the-art facilities and comprehensive professional support for international conferences.



ICMOVPE XXII
Secretariat

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