

ICMOVPE XXI

2024 LAS VEGAS, NV

May 12–17, 2024

SAVE THE DATE

Join us for the **21st International Conference on Metal Organic Vapor Phase Epitaxy (ICMOVPE XXI)**, planned for May 12–17, 2024 in Las Vegas, Nevada. The conference will present the latest advances in science, technology and applications of MOVPE and related growth techniques. This is the pre-eminent Conference in the field and the papers presented represent the leading-edge research done worldwide. This year's Conference will feature a combination of invited and contributed talks, poster sessions and an industrial exhibit. Mark your calendar today and plan to attend ICMOVPE XXI.

SCIENTIFIC PROGRAM

The six-day conference will feature oral and poster presentations covering:

- Fundamental Studies and Modelling of Epitaxial Processes
- III-V Semiconductors and Devices (Nitrides, Arsenides, Phosphides, Antimonides, Bismides, etc.)
- II-VI Materials and Devices (CdTe, ZnO, ZnSe, ZnS, MCT, etc.)
- IV-IV Materials and Devices (SiC, SiGe, GeSn, etc.)
- Semiconducting Oxides and Epitaxial Dielectrics (TCO, Ga₂O₃, SnO₂, etc.)
- High-Temperature Superconductive Materials
- 2D Materials and van der Waals Heterostructures
- Heteroepitaxy of Mismatched Alloys and III-Vs on Si
- Heterogeneous integration/wafer bonding
- Low-dimensional Structures (Nanowires, -dots)
- Patterned Growth and Selective Area Epitaxy
- Atomic Layer Deposition and Epitaxy
- *In-Situ* Monitoring, Process Control and Reactor Modeling
- Nano-scale Characterization and Other Techniques
- Growth for Energy Technology (Solid State Lighting, Photovoltaics, Power Devices, Thermoelectrics, etc.)
- Equipment, Safety, Environmental and Production Issues including low-cost MOVPE

CONFERENCE VENUE

Las Vegas, Nevada is surrounded by mountain ranges on all sides. Much of the landscape is rocky and arid, with desert vegetation and wildlife. The city anchors the Las Vegas Valley metropolitan area and is the largest city within the greater Mojave Desert. Las Vegas is an internationally renowned major resort city, with shopping, fine dining and entertainment.

Horseshoe Las Vegas (formally known as Bally's) never misses a beat! Stay in the center of the action with everything from unique shows and an outdoor shopping plaza. Unwind in a spacious, renovated room at this iconic Vegas hotel.



CONFERENCE CHAIR

Luke Mawst
University of Wisconsin-Madison

CONFERENCE CO-CHAIR

Nelson Tansu
University of Adelaide

PROGRAM CHAIRS

Xiuling Li
The University of Texas at Austin

PROGRAM CO-CHAIR

Tetsuya Takeuchi
Meijo University

FINANCE

Russell Dupuis
Georgia Institute of Technology

PUBLICATIONS

Tom Kuech
University of Wisconsin-Madison

LOCAL ORGANIZER

Daniel Feezel
University of New Mexico

For the most up-to-date information on ICMOVPE-XXI, visit mrs.org/ICMOVPE-XXI.

ICMOVPE is managed by

 **CONFERENCE SERVICES**
Because the Experience Matters
mrs.org/conference-services

