

ICMOVPE XXI

LAS VEGAS, NV

May 12–17, 2024



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

ICMOVPE will feature a comprehensive selection of 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 CHAIR

Luke Mawst

University of Wisconsin-Madison

CONFERENCE CO-CHAIR

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University of Adelaide

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LOCAL ORGANIZER

Daniel Feezel

University of New Mexico

ICMOVPE is managed by



mrs.org/conference-services

MEET THE PLENARY SPEAKERS



James J. Coleman

University of Illinois Urbana-Champaign, United States

Strained-layer MOCVD Growth – a Paradigm Shift in Epitaxy



Kei May Lau

Hong Kong University of Science & Technology, Hong Kong

III-V/Si Photonic Integration by Lateral Epitaxy



Francesco Monitalenti

Università degli Studi di Milano Bicocca, Italy

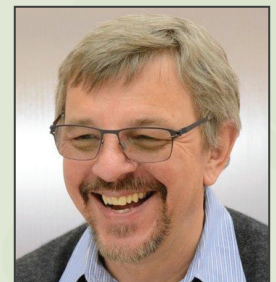
Machine Learning Modelling of Epitaxy and Nanostructures



Kevin Schulte

National Renewable Energy Laboratory, United States

MOVPE of Devices for Thermophotovoltaics and Laser Power Conversion



Prof. Zlatko Sitar

Kobe Steel Distinguished Professor, NCSU

AIN Dopant Incorporation and Activation by MOCVD

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LAS VEGAS, NV

May 12–17, 2024

EXHIBIT MECHANICS

LOCATION

Horseshoe Las Vegas Hotel
3645 Las Vegas Blvd S
Las Vegas, NV 89109

EXHIBIT DATES

Sunday, May 12 through
Wednesday, May 15

Exhibit hours are set to maximize prime networking opportunities, including coffee breaks and poster sessions.

EXHIBITOR MOVE-IN

Sunday, May 12
1:00 - 5:00pm

EXHIBITOR HOURS

Sunday, May 12
7:00 - 9:00pm (Welcome Reception)

Monday, May 13
10:00am - 4:00pm

Tuesday, May 14
10:00am - 1:00pm
3:00pm - 6:00pm

Wednesday, May 15
9:30am - 12:30pm

EXHIBITOR MOVE-OUT

Wednesday, May 15
12:30 - 4:30pm

Return completed application to Jennifer Ibe, MRS Exhibit & Sponsorship Sales, at mrs@heexpo.com.

Conference activities are not included, but may be purchased separately. For cancellations received after April 5, 2024, no refunds will be made.

mrs.org/ICMOVPE-XXI

Boost Your Brand Recognition as an Exhibitor and Sponsor!

Numerous sponsorships and advertisement opportunities are available to ICMOVPE exhibitors to build a comprehensive marketing plan designed to boost visibility, challenge your competition and maximize the impact of your message to a diverse industry, government and academic audience. Sponsors are recognized through prominent on-site signage, included in the Program and Exhibit Guide, and acknowledged on the ICMOVPE website.

EXHIBIT PRICING

Standard Booth (8x10 space) - \$2,500

Standard booth includes:

- 8' x 10' Space
- One 6' skirted table and two chairs
- One technical badge for session access

EVENT/SERVICE SPONSORSHIPS

Welcome Reception - \$3,000 exclusive; \$1,000 shared (limit 3 companies)

The evening Welcome Reception is one of the highlight events of the ICMOVPE conference and provides excellent visibility and networking opportunities.

Conference Banquet - \$3,000 exclusive; \$1,000 shared (limit 3 companies)

The headline social event of ICMOVPE is the Conference Banquet. This is an exceptional opportunity to showcase your company to the ICMOVPE community. This sponsorship also includes two complimentary tickets for exclusive and 1 complimentary ticket for shared.

Exhibitor Reception - \$3,000 exclusive; \$1,000 shared (limit 3 companies)

Sponsor this lunch reception on the exhibit floor. A high traffic event that all attendees participate in.

Poster Sessions - \$3,000 for both sessions; \$1,500 for one session

Sponsor a conference event that brings attendees together for technical presentations and networking during two evening sessions.

Beverage Breaks - \$1,500

Badge Lanyards - \$500 (Plus materials)

Quantity required: 400 pieces

Registration Tote Bags - \$500 (Plus materials)

Quantity required: 400 pieces

Literature Display - \$300

- Displays are unstaffed and will be located near high traffic areas such as registration and exhibits
- Suggested quantity: 400

PROGRAM ADVERTISING DEADLINE MARCH 15, 2024

Full page (4 Color) - \$750

Size: 8.125" x 10.875" plus .125" bleed on all sides

Half Page (4 Color) - \$500

Size: 6.825" x 4.5"

ONLINE ADVERTISING

Online Banner - \$850

Banner advertisement on the ICMOVPE Website

