

## TOPICS

- Basic Growth Studies
- Nitride Semiconductors and Devices
- III-V Compound Semiconductors (Arsenides, Phosphides, Antimonides) and Devices
- II-VI Compound Semiconductors and Devices
- Narrow Bandgap Materials
- Oxides (TFT, TCO, Dielectrics, etc)
- Novel Materials (Magnetic Materials, Graphene, Diamond, etc)
- Heteroepitaxy
- Nanostructures and Hybrid Devices
- Patterned Growth and Selective Area Epitaxy
- Atomic Layer Deposition and Epitaxy
- Virtual Substrates and Epitaxial Lift-off
- In Situ Monitoring and Process Control
- Characterization
- Energy Technology (Solar Cells, Thermoelectrics, Piezoelectrics etc)
- Equipment, Safety, Environmental and Production Issues

## ABSTRACT SUBMISSION

All prospective authors are invited to submit abstracts for oral or poster presentations. All contributions will be reviewed before inclusion in the program. Abstracts must be submitted electronically via the conference website <http://www.icmovpe2012.org>, where detailed submission guidelines can be also found.

## PAPER PUBLICATION

Selected full-length papers will be published in a special issue of Journal of Crystal Growth. Further information on the special issue will appear on the conference website <http://www.icmovpe2012.org>.

## ICMOVPE-XVI

May 20~25, 2012  
Paradise Hotel Busan, Busan, Korea  
[www.icmovpe2012.org](http://www.icmovpe2012.org)



## VENUE

Paradise Hotel Busan is located on the central part of Haeundae beach, one of the most famous stretches of golden sand in Korea.

<http://busan.paradisehotel.co.kr>



## TRANSPORTATION

### HOW TO GET TO KOREA



### TRAVEL ROUTE AT A GLANCE

#### - By Air

Incheon Int'l Airport ✈️ 1hr. ➡️ Gimhae Int'l Airport 🚗 1hr. 10min ➡️ Paradise Hotel Busan  
Gimpo Int'l Airport ✈️ By Taxi, Bus

#### - By Train

Seoul Train Station 🚅 3hr. ➡️ Busan Train Station 🚗 50min ➡️ Paradise Hotel Busan  
By Taxi, Bus

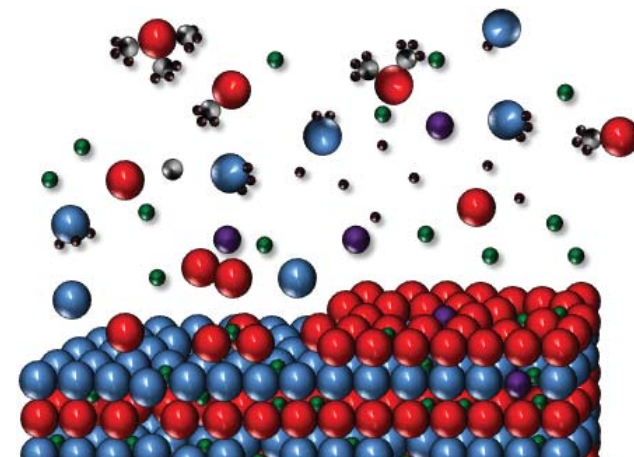
### ICMOVPE-XVI Secretariat

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Website: [www.icmovpe2012.org](http://www.icmovpe2012.org)

1<sup>st</sup> CALL FOR PAPERS

The Sixteenth International Conference  
on Metal Organic Vapor Phase Epitaxy

# ICMOVPE-XVI



May 20~25, 2012

Paradise Hotel Busan, Busan, Korea

## IMPORTANT DATES

Abstract Submission Due	December 2, 2011
Acceptance Notification	February 3, 2012
Late News Abstract Submission Due	March 2, 2012
Final Manuscript Submission Due	March 30, 2012
Advance Registration Due	April 27, 2012

### ICMOVPE-XVI Secretariat

Email: [secretariat@icmovpe2012.org](mailto:secretariat@icmovpe2012.org)  
Website: [www.icmovpe2012.org](http://www.icmovpe2012.org)

## ○ INTRODUCTION

The 16<sup>th</sup> International Conference on Metal Organic Vapor Phase Epitaxy (ICMOVPE-XVI) will be held on May 20 ~ 25, 2012 at Paradise Hotel Busan, Busan, Korea. The ICMOVPE has witnessed the latest advances in science, technology, and applications of MOVPE and related growth techniques. The objective of the conference is to bring together a wide spectrum of specialists from academia, industry, and national laboratories to share their most recent progress in fundamental and applied aspects of MOVPE technologies. The scientific and social programs will provide participants with a wide range of opportunities for formal and informal discussions on all topics. Papers presented at the conference will be published in Journal of Crystal Growth after the regular peer review.

## ○ WELCOME MESSAGE

On behalf of the Organizing Committee of the 16<sup>th</sup> International Conference on Metal Organic Vapor Phase Epitaxy (ICMOVPE-XVI), it is my great pleasure to invite you to join ICMOVPE-XVI which will be held on May 20 ~ 25, 2012 at Paradise Hotel Busan, Busan, Korea. As you may know, Busan is the second largest city in Korea and it attracts a lot of tourists from all over the world for its historic and cultural heritage as well as for its easy access from major cities in the world. The venue, Paradise Hotel Busan, is located at the central part of Haeundae beach, the most loved beach in Korea. The wonderful harbor city is regarded as a perfect setting for the conference, and its beautiful environment will not only enhance your knowledge but also provide you with unforgettable memories.

ICMOVPE has been an international forum for experts from academia, industry, and national laboratories, where they present their latest progresses and exchange ideas in the fundamental and applied aspects of MOVPE technologies. Compound semiconductors and devices grown by MOVPE such as LEDs and solar cells are now an essential part in solving global problems, and those who are involved in MOVPE deserve special recognition. I hope that ICMOVPE-XVI continues to be a part of long-term ICMOVPE tradition and the members of Organizing Committee of ICMOVPE-XVI are dedicated to make this conference another successful conference.

However, the most important part is your active participation in the conference. I hope that we will provide a wonderful scientific and social program of the conference with your active participation. We look forward to seeing you in Busan, Korea in 2012!

Euijoon Yoon, PhD  
Chair of ICMOVPE-XVI  
Seoul National University

# ICMOVPE-XVI

May 20-25, 2012 / Paradise Hotel Busan, Busan, Korea  
www.icmovpe2012.org

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