

ICMOVPE-XII



The Twelfth International Conference on **METAL ORGANIC VAPOR PHASE EPITAXY**

ADVANCE PROGRAM

Registration & Housing Forms Enclosed

May 30-June 4, 2004
Westin Maui Hotel • Lahaina, Maui, Hawaii

TMS

TENTATIVE SCHEDULE OF EVENTS

ICMOVPE-XII

Sunday, May 30, 2004

Registration 3:00 pm-9:00 pm
 Welcoming Reception..... 7:00 pm-10:00 pm
(Sponsored by Emcore)

Monday, May 31, 2004

Registration 7:30 am-4:00 pm
 Opening Remarks 8:30 am-9:00 am
 Plenary Session 9:00 am-10:20 am
 Coffee Break..... 10:20 am-11:00 am
 Sessions 11:00 am-12:20 pm
 Exhibition Hours 12:00 pm-5:00 pm
 Lunch *(Sponsored by Emcore)*..... 12:30 pm-2:00 pm
 Sessions 2:00 pm-3:30 pm
 Conference Excursions

Tuesday, June 1, 2004

Registration 7:30 am-6:00 pm
 Exhibition Hours 7:30 am-12:00 pm
 Sessions 8:30 am-10:40 am
 Coffee Break..... 10:40 am-11:20 am
 Sessions 11:20 am-12:20 pm
 On Your Own Lunch 12:30 pm-2:00 pm
 Sessions 2:00 pm-3:20 pm
 Poster Sessions/Reception..... 6:00 pm-8:00 pm
(Sponsored by Nippon Sanso)

Wednesday, June 2, 2004

Registration 7:30 am-4:00 pm
 Exhibition Hours 7:30 am-12:00 pm
 Sessions 8:30 am-10:40 am
 Coffee Break..... 10:40 am-11:20 am
 Sessions 11:20 am-12:20 pm
 On Your Own Lunch 12:30 pm-2:00 pm
 Sessions 2:00 pm-3:50 pm

Thursday, June 3, 2004

Registration 7:30 am-5:00 pm
 Sessions 8:30 am-10:20 am
 Coffee Break..... 10:20 am-11:00 am
 Session..... 11:00 am-12:20 pm
 On Your Own Lunch 12:30 pm-2:00 pm
 Sessions 2:00 pm-5:00 pm
 Coffee Break..... 3:30 pm-4:10 pm
 Conference Dinner 6:30 pm-10:30 pm
(Sponsored by Aixtron)

Friday, June 4, 2004

Registration 7:30 am-12:00 pm
 Sessions 9:00 am-10:50 am
 Coffee Break..... 10:50 am-11:30 am
 Sessions 11:30 am-12:10 pm
 Final Remarks 12:10 pm-12:30 pm

FOR NEW TMS MEMBERS ONLY!

We want you to join TMS and experience the society and what it has to offer. Pay only \$54, and receive membership in TMS for the rest of 2004!

Why Join?

Because members receive a subscription to the hardcopy and electronic versions of JOM; members are eligible for discounts on TMS conference fees, short courses, and publications; members receive access to the Membership Directory on TMS OnLine; as well as a host of other benefits. Once you've been a part of TMS and seen all that's happening, you'll want to continue your membership long into the future.

All you need to do if complete the TMS application and mail it with your \$54 payment to: TMS Headquarters, 184 Thorn Hill Road, Warrendale, PA 15086, U.S.A. Or, you may opt to fill out the form and make your payment online at <http://www.tms.org/Society/membership.html>. Have a question? Call us at 724-776-9000 ext. 241 or 800-759-4TMS ext. 241 (within the U.S. and Canada Only).

SCOPE

INVITED SPEAKERS

ICMOVPE EXHIBITION

TECHNICAL INQUIRIES

Please address all technical inquiries to the Organizing Committee Conference Chair, Steven DenBaars.

SCOPE

ICMOVPE builds upon the strong tradition of previous conferences of presenting the latest advances in science, technology and appliances 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 Industry, Commerce, Academia, and National Labs to present their most recent progress in the fundamentals and applied aspects of MOVPE technology.

TOPIC

The program is designed to provide a wide range of opportunities for formal and informal discussions and presentations on all topics, including but not limited to the following:

- _____ basic growth studies
- _____ surface physics and chemistry
- _____ in-situ probes
- _____ gallium nitride based materials and devices
- _____ indium phosphide based materials
- _____ gallium arsenide based materials
- _____ high brightness LEDs and solid state lighting
- _____ growth of device structures: LEDs, Laser Diodes, FETs
- _____ low dimensional structures
patterned growth and selective epitaxy
- _____ mid-infrared materials/gallium antimonide
based materials
- _____ new materials: II-V oxides dielectrics, ferroelectric
- _____ real time monitoring and process control
- _____ production and safety issues
- _____ dilute nitride semiconductors
- _____ growth and doping mechanisms
- _____ reactor modeling

LATE NEWS ABSTRACTS

A limited number of Late News Abstracts will be considered. A copy of the abstract should be submitted to the program co-chair, Thomas Kuech, no later than May 8, 2004. Authors of accepted papers will be notified before the conference.

INVITED SPEAKERS

A partial list of invited speakers includes:

- A. Allerman (Sandia, USA)
- Y. Arakawa (University of Tokyo, Japan) - Plenary Speaker
- O. Briot (University of Montpellier, France)
- M. G. Craford (Lumileds, USA) - Plenary Speaker
- J. Edmond (CREE Research, Inc, USA)
- K. Matsumoto (Nippon Sanso, Japan)
- J. Redwing (Penn State University, USA)
- H. B. Schlegel (Wayne State University, USA)
- W. Seifert (University of Lund, Sweden)
- N. Shibata (Toyoda Gosei, Japan)
- W. Stolz (Marburg University, Germany)
- C. Wang (Lincoln Labs, USA)
- T. Zettler (Laytec, Germany)

ICMOVPE EXHIBITION

Companies involved in technology related to the field of MOVPE are encouraged to participate in the ICMOVPE XII Exhibition. Reserve your space today for the ICMOVPE-XII Exhibition. The conference schedule is set up to encourage attendees to visit the exhibition, with features such as:

- Coffee breaks held in the exhibit area
- Poster Sessions conducted adjacent to the exhibit show floor, with a poster reception scheduled
- Exhibits conveniently located adjacent to the technical session rooms
- Exhibition hours which complement the technical program schedule

Exhibit Hours:

Monday, May 31 12:00 Noon to 5:00 pm
Tuesday, June 1 7:30 am to 12:00 Noon
Wednesday, June 2 7:30 am to 12:00 Noon

Make plans now to participate in the ICMOVPE Exhibition. To reserve space for the Exhibition, complete and return the enclosed Exhibition Space Reservation Form, contact TMS today, or visit: <http://www.tms.org/icmovpe.html>.

Exhibition space will be assigned on a first-come first-serve basis.



SOCIAL FUNCTIONS AND ACCOMPANYING PERSON TOURS

SOCIAL FUNCTIONS AND TOURS

Along with the technical program, special social functions are being planned.

Welcome Reception

Sunday, May 30, 2004

7:00 pm-9:00 pm

Sponsored by Emcore

Conference Banquet

Thursday, June 3, 2004

6:30 pm-10:30 pm

Sponsored by Aixtron

Special tours have been arranged for attendees and accompanying persons of the conference. The Maui area offers a number of outstanding entertaining options. Island Incentives, Inc. has been designated the official tour company for ICMOVPE-XII and Exhibition. The following tours are scheduled for your enjoyment. Tours will depart from the Westin Maui Hotel. You may reserve the tour(s) of your choice in advance by completing the enclosed Tour Registration Form. **DO NOT MAIL THE TOUR REGISTRATION FORM TO TMS.** Please complete the form and mail or fax along with payment by **Monday, May 10** to: Island Incentives, Inc., 505 Front Street, Suite 213, Lahaina, Hawaii 96761 or fax (808)243-9877.

RAINFOREST AND AQUARIUM TOUR

Monday, May 31, 2004

10:30 am-3:00 pm

\$94.00 per person

Today's adventure takes guests into the magnificent West Maui Mountains for a stop at I'ao Valley and its landmark, the famous I'ao Needle. Here in the older West Maui Mountains, wind and rain have carved out sheer cliffs, carpeted in lush greenery. While most of this exquisite landscape is accessible only by helicopter or hiking, the I'ao Valley is a small corner of Paradise, which can be enjoyed by the casual visitor.

The tour continues on through the mystic Waikapu Valley to Ma'alaea where guests will have the opportunity to visit the beautiful Maui Ocean Center Aquarium. Here they will be welcomed by informed staff and given a brief overview of the facilities. They are then welcomed into the center where they may attend presentations on the sealife indigenous to the islands. Guests also enjoy a tour of the Center's marine attractions and a hosted lunch at the center's Seascape Ma'alaea Restaurant.

LAHAINA SHOPPING AND HISTORICAL TOUR

Tuesday, June 1, 2004

10:30 am-2:00 pm

\$41.00 per person

Guests will have the opportunity to enjoy the boutique style stores of historic old Lahaina Town, which incidentally is more interesting than Michener's "Hawaii". Within the span of a few decades, this little town hosted rowdy whalers, zealous missionaries and the royal Hawaiian family. Lahaina has now been restored to become a bustling tourist mecca, full of restaurants, art galleries, jewelry stores, and delightfully offbeat "tourist traps."

Guests enjoy a brief historical drive-through tour before they stroll through this quaint town, shopping for gifts and souvenirs and soaking up the local color.

CRAFTERS AND ARTISANS OF OLD HAWAII

Wednesday, June 2, 2004

9:00 am-11:00 am

\$92.00 per person

Learn the crafts of olden days Hawaii from master artisans and "Kupuna" (masters) then practice your new-found skills on a project of your own. Observe the intricacies of weaving beautiful baskets and bowls from the leaves of the lauhala tree. Catch a glimpse of the past as an expert tapa cloth maker creates beautiful "kapa" in a method now known to only a chosen few artisans.

Learn the graceful art of the hula to the accompaniment of live Hawaiian melodies. Observe the experts at work as they practice the arts of poi pounding and Hawaiian quilting. An assortment of fragrant tropical flowers is available for lei making, under the artful supervision of the island's gifted weavers.

CORPORATE SPONSORSHIP OPPORTUNITIES

LETTERS OF INVITATION

CORPORATE SPONSORSHIP OPPORTUNITIES

Along with the technical program and exhibition, several special events and social functions will be held during the meeting. These activities present ideal opportunities for companies involved in MOVPE technology to support the event and receive outstanding corporate recognition through Corporate Sponsorship. The event will feature a number of cost-effective opportunities for key brand exposure and visibility by participating as a corporate sponsor. We invite you to review the selection of social events and functions being held at ICMOVPE XII, and join the industry leaders who put sponsorships to work for them at ICMOVPE XII.

Companies who are scheduled to participate as exhibitors and sponsors to date include:

Advanced Furnace Technology	Laytec GmbH
Accent Optical Technologies	Matheson TriGas
AIXTRON	Nippon Sanso
Akzo Nobel	ORS Ltd.
Emcore	SAES Pure Gas
Epichem Group	ShIPLEY Metalorganics
Furukawa Co. Ltd.	Thomas Swan Scientific Equip Ltd
Honeywell Electronic Materials	Wafer Technology Ltd
Johnson Motthey	

We encourage you to contact TMS to discuss a sponsorship that will fit your promotional plans and your budget.

For more information on the exhibition and corporate sponsor opportunities, contact:

Cindy A. Wilson, Exhibits Coordinator, TMS, 184 Thorn Hill Road, Warrendale, PA 15086 • Phone: (724) 776-9000, x 231;
Fax (724) 776-3770 • E-mail: wilson@tms.org

LETTERS OF INVITATION

The Organizing Committee will issue letters of invitation to individuals who need such a document to raise travel funds or obtain a visa. However, such letters do not commit the Symposium Organizing Committee to providing financial support.

Requests for letters of invitation should be sent to:

Mr. Michael Packard, CMP, Manager, Meeting Services, TMS,
184 Thorn Hill Road, Warrendale, PA 15086, USA
Fax: (724) 776-3770 • E-mail: packard@tms.org

ICMOVPE-XII

ORGANIZING COMMITTEE

Conference Chair

Steven DenBaars
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College of Engineering
Santa Barbara, CA 93106-5050
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Conference Committee

Rajaram Bhat
Corning, Inc.
Bob Biefeld
Sandia National Laboratories
P. Dan Dapkus
University of Southern California
Russel Dupuis
University of Texas, Austin
Stacia Keller
University of California, Santa Barbara
Ron Moon
Agilent Headquarters
Shuji Nakamura
University of California, Santa Barbara
Christine Wang
Massachusetts Institute of Technology

ADVANCE REGISTRATION REFUND POLICY

ADVANCE REGISTRATION

Take advantage of the discounted advance registration fees. Complete the Advance Registration form in this mailer and return it by **Monday, May 3, 2004** to receive the discounted advance registration fee:

TMS Meeting Services
184 Thorn Hill Road
Warrendale, PA 15086, USA
T: (724) 776-9000, x 243
F: (724) 776-3770
E: mtgserv@tms.org

Registration Fees:

Advance.....	\$450
On-Site	\$525
Advance Student.....	\$150
On-Site Student.....	\$200

For your convenience, you may register any time, day or night, at the ICMOVPE-XII Home Page on the web at <http://www.tms.org/Meetings/Specialty/ICMOVPE-XII/ICMOVPE-XII-Home.html>. TMS OnLine also provides detailed information on all TMS-sponsored conferences.

Full Payment in US dollars must accompany the completed Advance Registration form. Register by Monday, May 3, 2004 to receive the advance registration discount from the on-site registration fee.

On-site Conference Registration Hours:

Sunday, May 30, 2004	3:00 pm-9:00 pm
Monday, May 31, 2004.....	7:30 am-4:00 pm
Tuesday, June 1, 2004	7:30 am-6:00 pm
Wednesday, June 2, 2004	7:30 am-4:00 pm
Thursday, June 3, 2004	7:30 am-5:00 pm
Friday, June 4, 2004	7:30 am-12:00 pm

The **main registration fee** includes the welcoming reception, coffee breaks, conference banquet, access to the technical sessions, and a copy of the proceedings.

The **student registration fee** includes the welcoming reception, coffee breaks, conference banquet, and access to the technical sessions.

All attendees of the ICMOVPE-XII symposium, including authors and session chairs, are required to register.

Badges must be worn at all times to gain access to the technical sessions, exhibit, and social functions.

REFUND POLICY

Written requests must be sent to TMS Meeting Services, 184 Thorn Hill Road, Warrendale, PA 15086. No refunds will be issued after Monday, May 3, 2004. A \$50 processing fee will be charged on all cancellations.



CONFERENCE LOCATION AND ACCOMMODATIONS GIVE-AWAY

CONFERENCE LOCATION AND ACCOMMODATIONS

All technical programming and activities will take place at the Westin Maui Hotel, Lahaina, Hawaii, USA.

Situated along a spectacular stretch of famed Kaanapali Beach, The Westin Maui has an endless array of activities and amenities with gracious aloha spirit. The ideal location for this hotel is adjacent to many shops of Whaler's Village and seven minutes from the historic Lahaina Town with dining, shopping, and entertainment.

From the serene mountain view rooms to the grandest oceanfront suites, each of The Westin Maui's luxurious accommodations feature contemporary decor and supremely comfortable furnishings, including their trademark Heavenly Beds and Heavenly Baths - featuring extra fluffy towels and brand-name amenities. Drawing from Maui's abundant natural bounty and multi-cultural heritage, their restaurants offer a variety of distinctive menus featuring the freshest local ingredients. From traditional island favorites to gourmet delights, served in dramatic venues - including oceanfront settings perfect for catching a brilliant Maui sunset.

Relax in one of the five free-form swimming pools, unwind in a secluded Jacuzzi, seek solace in the adult-only pool, or take a thrilling trip down a waterslide with 270-degree turns and a dramatic 23-ft. drop. Steps away, are the soft sands of Kaanapali Beach - where you can enjoy snorkeling, scuba diving, beach volleyball, windsurfing, and chartered catamaran adventures. Two championship golf courses and an 11-court tennis center are just a short walk away. You may also enjoy their full-service Health Club & Spa which provides complete massage and facial services, including rejuvenating full-body treatments. Their fully equipped fitness room offers inspirational views of Kaanapali Beach. Within the spa facility you'll also find their full-service beauty salon.

Reservations for the Westin Maui Hotel can be made online at http://www.starwood.com/westin/meetings/attend_enter_code.html.

When using the on-line reservation form, be sure to enter the following data:

City: Lahaina

State: Hawaii

Meeting Code: 2290

Participants may also fax or mail their completed room reservation form, located in this mailer. The housing cut-off is April 30, 2004. After April 30, the conference rate and availability at the Westin Maui Hotel may not be available.

Fax, mail, or call your room reservations form to:

The Westin Maui

Reservations Center

2255 Kalakaua Ave, 38th Floor

Honolulu, HI 96815

T: (808) 921-4651

F: (808) 921-4697

HEAVENLY BED GIVE-AWAY

Stay at the Westin Maui Hotel during ICMOVPE and you will automatically be entered in the Heavenly Bed Giveaway! A trademark to every Westin Hotel room is The Heavenly Bed(r). It's layer after layer of cozy down bedding. It's an oasis for a weary traveler. It's heaven on earth.

The Heavenly Bed consists of:

- A custom-designed pillowtop mattress set by Simmons with 900 individual coils;
- Three sheets - ranging in thread count from 180 to 250;
- A down blanket - three versions for three different climates;
- A comforter and a crisp white duvet; Five goosedown, goose feather pillows.

This offer is open to registered ICMOVPE attendees only staying at the Westin Maui Hotel.

**PROCEEDINGS
POSTER SESSION
RECORDING POLICY
DISABILITY ACT**



PROCEEDINGS

One copy is complimentary with a paid full registration. A paid student registration fee does not include a copy of the proceedings. Additional copies of the symposium may be purchased at \$75 per book.

POSTER SESSION

A poster session will be held in conjunction with ICMOVPE. Presentations will be displayed on 4' x 8' poster boards; no formal oral presentation is required. The poster session will begin on Monday, May 31 and remain in place through Thursday, June 3. Abstracts of 150 words or less must be submitted to TMS by March 1, 2004. Poster abstracts will be included in the rear of the proceedings. Abstracts may be submitted through the TMS Conference Management System (CMS) via the World Wide Web at <http://cms.tms.org>, or e-mail raabe@tms.org, or mail to Christina Raabe, TMS, 184 Thorn Hill Road, Warrendale, PA 15086, Fax: (724) 776-3770.

**POLICY ON AUDIO AND VISUAL
RECORDING OF TECHNICAL PAPER
PRESENTATIONS/SESSIONS**

TMS (The Minerals, Metals & Materials Society) reserves the rights to any audio and video reproduction of all presentations at every TMS sponsored meeting. Recording of sessions (audio, video, still photography, etc.) intended for personal use, distribution, publication, or copyright without the express written consent of TMS and the individual authors is strictly prohibited. Contact the TMS Technical Programming Department to obtain a copy of the waiver release form.



**AMERICANS WITH
DISABILITY ACT**

TMS strongly supports the Federal Americans with Disability Act (ADA) which prohibits discrimination against, and promotes public accessibility for those with disabilities. In support of this act, we ask that those attendees requiring specific equipment or services contact the TMS Meeting Services Department to advise specific needs in advance.

SPECIAL CAR RENTAL

Hertz Rent-a-Car System has been selected as the Official Car Rental company for ICMOVPE-XII, May 30-June 4, 2004 in Lahaina, Maui, Hawaii.

Meeting rates listed below are based on roundtrip rentals, with free unlimited mileage, are guaranteed one week prior through one week after the actual meeting dates and are subject to availability. Rates are available from Maui, Hawaii locations.

Advance reservations may be made by booking online at www.hertz.com or calling the Hertz reservations line at 1-800-654-2240 in the US; 1-800-263-0600 in Canada; International - contact your nearest Hertz reservation center. You must give the reservations agent the Hertz CV# to receive the special rates. Advance reservations are recommended.

Identify yourself as an attendee of ICMOVPE-XII and reference the following CV number: CV#02QJ0010

CAR CLASS		DAILY	WEEKEND	WEEKLY
		Per Day	Per Day	5-7 Days
A	Economy 2DR	\$36.99	\$34.99	\$159.99
B	Compact 4DR	\$42.99	\$40.99	\$174.99
C	Midsize 2/4DR	\$44.99	\$42.99	\$184.99
D	Sporty 2DR	\$46.99	\$44.99	\$194.99
F	Full-size 4DR	\$48.99	\$46.99	\$199.99
G	Premium	\$51.99	\$57.99	\$204.99
I	Towncar	\$59.99	\$65.99	\$299.99
L	4WD/AWD SUV	\$59.99	\$65.99	\$299.99
R	Minivan	\$59.99	\$65.99	\$299.99
U	Convertible	\$59.99	\$65.99	\$299.99

Terms and Conditions

- UNLIMITED MILEAGE ALLOWANCE ON ABOVE RATES.
- One-way service fee will apply when cars are not returned to renting location.
- Additional daily charges for optional coverage (Loss Damage Waiver, Personal Accident Insurance, Personal Effect Protection, refueling and state tax) are not included in the above rates.
- Drivers must meet standard Hertz age, driver, and credit requirements.
- Hertz is a frequent flyer partner with US Airways, Delta, Northwest, United, and American Airlines. Frequent flyer information may be requested at time of car booking.
- Weekly rentals are from five to seven days. Weekend rentals have a minimum two-day keep and Thursday pick-up requires a minimum three-day keep.

**Twelfth International Conference on
Metal Organic Vapor Phase Epitaxy
(ICMOVPE-XII)**
May 30-June 4, 2004 • Lahaina, Maui, Hawaii

**Advance Registration Deadline: May 3, 2004,
PAYMENT MUST ACCOMPANY FORM.**
Forms received past this date will be
processed at the on-site fee structure.

ADVANCE REGISTRATION FORM

WEB

Take advantage of the convenience of
on-line pre-registration via the TMS website:
http://www.tms.org
Web registration requires credit card payment.

FAX

Fax this form to TMS Meeting Services
USA (724) 776-3770
Fax registration requires credit card payment.

MAIL

Return this form Meeting Services
with payment to: TMS
184 Thorn Hill Road
Warrendale, PA 15086

Instructions: Check your selections, and fill out the necessary information

PLEASE PRINT OR TYPE Dr. Prof. Mr. Mrs. Ms.
This address is: Business Home New Address Address Correction

Surname: _____ First Name: _____ Middle Initial: _____

Employer: _____

Address: _____

City: _____ State/Province: _____ Zip/Postal Code: _____

Country: _____ Telephone: _____

Fax: _____ E-Mail Address: _____

Accompanying Person Name for Badge: _____

(Guests do not receive admission to technical sessions.)

Registration Fees:

	Advance fees to May 3	On-Site fees after May 3
<input type="checkbox"/> Attendee*	\$450	\$525
<input type="checkbox"/> Student**	\$150	\$200

(Students must attach a copy of their school's identification card.)

* Attendee Registration fees include: Technical Sessions, Welcoming Reception, Conference Banquet, and one copy of the Proceedings.

** Student Registration fees include: Technical Sessions, Welcoming Reception, and Conference Banquet.

Social Function Tickets:	Fee	Number	Total
Additional Ticket for Spouse/Accompanying Person			
<input type="checkbox"/> Conference Banquet Thursday, June 3, 2004	\$60	_____	\$ _____

Additional Proceedings may be purchased	Fee	Number	Total
ICMOVPE-XII	\$75	_____	\$ _____

TOTAL FEES: \$ _____

Payment Options:

Check payable to TMS. Payment should be made in US dollars drawn on a US bank or via the following:

VISA Diners Club
 MasterCard American Express

Card Number _____

Exp. Date _____

Cardholder Name (print) _____

Signature _____

Refund policy:

Written requests must arrive at TMS no later than May 3, 2004. A \$50 processing fee will be charged for all registration cancellations.

ROOM RESERVATION REQUEST

TMS-The Minerals, Metal & Materials Society
ICMOVPE XII
May 30 - June 4, 2004

(Mr./Ms./Dr) _____ Home Telephone() _____
Print: Last Name First Name

Business Phone () _____ Fax () _____ E-mail _____

Total No. People in Room _____ Adults _____ Children(list ages) _____

Starwood Preferred Guest Member Number _____

Sharing Room With _____

Home/Business Address _____

City _____ State _____ Zip _____ Country(INTL) _____

Arrival Date _____ Departure Date _____

Credit Card _____ Account # _____ Exp. Date _____

Signature of Cardholder _____

CREDIT CARD BILLING ADDRESS:

Street Address _____

City _____ State _____ Zip _____

_____ **Run of House Category @ \$150.00 Group Rate plus tax, per night**
_____ **Run of Ocean Category @ \$170.00 Group Rate plus tax, per night**

If your desired room type is not available, The Westin Maui will select the next-best alternative category. Run of House and Run of Ocean room block will be assigned at the Hotel's discretion. No specific categories, buildings or percentage of categories are guaranteed.

All rates are for single or double occupancy and subject to 4.166% Hawaii Excise Tax plus 7.25% Hawaii Hotel Taxes (subject to change). There is no charge for children 18 years or younger when sharing with parent (s). The maximum occupancy allowed per room is four (4): two (2) adults and two (2) children or three (3) adults and one (1) child. The third adult will be charged an additional \$50.00 per night plus taxes. Subject to group space availability, individual Group members may reserve guest rooms at the Group rate three days prior to and three days after the Official Meeting Dates as indicated in the Group contract.

A resort fee of \$6.00 plus tax per room per day, will be posted to your account daily which includes the following (subject to change): Local phone calls up to 60 minutes per call, admission to Health Club, coffee & tea in your room, use of in-room safe, self parking, shuttle service to golf, tennis, Kapalua West Maui Airport, Hawaiiana activities, Hotel tours and daily newspaper.

Reservations received after April 30, 2004, or after the rooms reserved for this group have been sold, are subject to group space availability.

A check or money order for two nights deposit must accompany your reservations request. Please do not send cash. Make your check payable to **THE WESTIN MAUI**. Credit card guarantees are also accepted. Your credit card will not be charged for your advance deposit. However, cards will be charged for late cancellation fees and no-shows, if applicable.

CANCELLATION POLICY

Refund will be made on reservations canceled more than 30 days prior to arrival. There will be a two night charge for any reservations canceled within thirty (30) days of your arrival date. No-show reservations will be charged the group rate for all nights reserved.

CHECK-IN TIME: 3:00 PM CHECK-OUT TIME: 12:00 NOON

PLEASE RETURN FORM WITH DEPOSIT TO:

THE WESTIN MAUI - Reservations Center

2255 Kalakaua Avenue, 38th Floor

Honolulu, HI 96815

Phone: 808 921-4651

Fax: 808 921-4697

Hours of operation are M-F 8:00-5:00pm and Sat & Sun 8:00-4:00pm

FLIGHT INFORMATION:

FLIGHT TIME

ARR: _____ / _____

DEP: _____ / _____

Note: You can also make your reservation online using **Meeting Code 2290** at:

http://www.starwood.com/westin/meetings/attend_enter_code.html

Enter ì Lahainaî for city and ì Hawaiiî for state.

12TH International Conference on
METAL ORGANIC VAPOR PHASE EPITAXY
May 30-June 3, 2004
Westin Maui Hotel, Maui, Lahaina, Hawaii

EXHIBITION SPACE RESERVATION FORM & CONTRACT

To reserve space for the Exhibition, complete this form and return to TMS at the address as follows.

Cindy A Wilson, TMS
184 Thorn Hill Rd
Warrendale, PA 15086-7528
Fax: (724) 776-3770
Email: wilson@tms.org
To register online, visit: <http://www.tms.org/icmovpe.html>

It is understood that TMS will process our options, assigning a space location and booth number. Space rental must be paid in full by May 14, 2004. A deposit of \$300 is required to secure each space reserved and must be paid at the date of application. Deposit is refundable, less a \$100 cancellation fee, if cancelled is received, in writing, before April 15, 2004. Application for space rental indicates the applicant's willingness to abide by all exhibit terms and conditions, and general regulations provided at the time of booking.

TMS (The Minerals, Metals & Materials Society) is hereby authorized to reserve the specified quantity of 10' x 10' exhibition space(s) for our company in the 2004 ICMOVPE Exhibition.

Contact Person: _____
(to receive correspondence & exhibit materials)

Company Name: _____
(as should appear in Exhibitor listings)

Address: _____

City: _____ State/Province: _____ Zip/Postal Code: _____

Country: _____ E-Mail: _____

Telephone: _____ Fax: _____

Signature: _____ Date: _____

PLEASE RESERVE _____ (QUANTITY) 10' X 10' SPACES @ \$1,100.00 EACH

Exhibit space rental includes: draped back wall and side rail dividers; 6' x 30" draped table; two chairs; wastebasket; standard electrical service and lighting; and (1) technical session badge.

Payment Information:

CHECK *(Made payable to TMS)* VISA MasterCard American Express

Card Number: _____ Expiration Date: _____

Cardholder Name: _____ Signature: _____

TOTAL AMOUNT ENCLOSED: _____

TMS USE ONLY: Contract accepted by: _____ Date: _____

Space Number Assigned: _____ Invoice #: _____ Invoice Date: _____ Payment: _____

ICMOVPE XII

TOUR REGISTRATION FORM

Please check your activity selections and mark the number of guests participating.

All activity selections will be confirmed within 5 business days after receipt.

Your activity confirmation tickets will be distributed to you at your hospitality desk at the hotel.

Please refer to the Activity Descriptions for information on each activity.

Participant Name: _____ Guest Name: _____

Business Phone Number: _____ Fax Number: _____

Email Address: _____ Home Phone Number: _____

Activity	Date	Time	# Of Guests	Price per Person	Total Cost
Rainforest and Aquarium Tour	Monday, May 31, 2004	10:30 a.m. - 3:00 p.m.		\$98.00	
Lahaina Shopping & Historical Tour	Tuesday, June 1, 2004	10:30 a.m. - 2:00 p.m.		\$43.00	
Crafters & Artisans of Old Hawaii	Wednesday, June 2, 2004	9:00 a.m. - 11:00 a.m.		\$96.00	
TOTAL					

Activities are subject to a minimum and maximum number of participants. If minimum numbers are not met, these activities may be cancelled. Costs include current Hawaii State Tax of 4.167%.

Method of Payment

Please check one: American Express Discover MasterCard Visa

Charge Card# _____ Expiration Date _____

Name as it appears on Card _____

Credit Card Billing Address _____

Signature _____ Date _____

Please return this reservation form by Monday, May 10, 2004 to:

Island Incentives

Ph: (808) 243-9899

Fax: (808) 243-9877

Email: TMS@islandincentives.com

Special Note: All changes or cancellations must be advised to us at least 72 hours prior to the date of activity. There will be no refunds on "no-shows" or cancellations received less than 72 hours prior to the conference.



LOCATION

Maui No Ka 'Oi (Maui is the best) is what the locals say, and visitors agree.

Lahaina: A National Historic District. Once the capital of Hawaii, Lahaina was the largest whaling port of the Pacific during the 1800s. Today, it's a National Historic District with restored buildings, museums, missionary homes and a replica of a 19th century whaling ship - not to mention fun places to eat and shop along the historic waterfront.

The island was formed by two volcanoes that erupted long ago -- the extinct 5,788-ft Pu'u Kukui and the dormant 10,023-ft Haleakala (now the centerpiece of a national park). The resulting depression between the two is what gives Maui its nickname, the Valley Isle. Maui's volcanic history gives it much of its beauty. The roads around the island are lined with rich red soil, Central Maui is still carpeted with grassy green, and the deep blue of ocean and sky mingles with the red and green of Maui's topography.

Many places claim the power to create memories that will last a lifetime, but few fulfill the promise like the Island of Maui. Maui's got it, with near-perfect weather, great places to stay, uncrowded beaches, and a setting that inspires awe and a sense of wonder. If you are looking for adventure and new experiences, we've got that too. Discover Maui, where whale-filled seas meet heavenly beaches. This is a place where the sun warms tropical trade winds that blow your troubles away. Snorkel in crystal-clear waters or play golf on world-class courses of green, velvet perfection.

Getting to Maui has never been easier. All major carriers now offer direct flights from the US mainland to Kahului (OGG). Additionally, several flights a day leave to and from other islands, with most

originating at Honolulu International Airport (a short 20-minute flight away). Upon arrival, you'll find every mode of transportation you expect in a major destination. Taxis are readily available. Limos can be arranged. Shuttle service is available. Or you can rent a car - you may be surprised to find that our rental rates and packages are generally lower than those found on the US mainland.



SPECIAL AIRFARE

UNITED AIRLINES

United Airlines is the official airline of the ICMOVPE-XII Conference. Call United's toll-free number, 1-800-521-4041, to book your reservations and receive a 5% discount off the lowest applicable discount including First Class or a 10% discount off full fare unrestricted coach fares purchased 7 days in advance. An additional 5% discount will apply when tickets are purchased at least 30 days in advance of your travel. Discounts also apply on Shuttle by United and United Express. Call United's Specialized Meeting Reservations Center at 1-800-521-4041 to obtain the best fares and schedule information.

Make sure you refer to Meeting ID Number 522AD. Dedicated reservation agents are on duty 7 days a week from 8:00 am till 10:00 pm EST.

Mileage Plus members receive full credit for all miles flown to this meeting.

Book early to take advantage of promotional fares that give you the greatest discount.