

# 7<sup>th</sup> International Conference of Nitride Semiconductors

September 16-21, 2007 • MGM Grand Hotel • Las Vegas, Nevada, USA

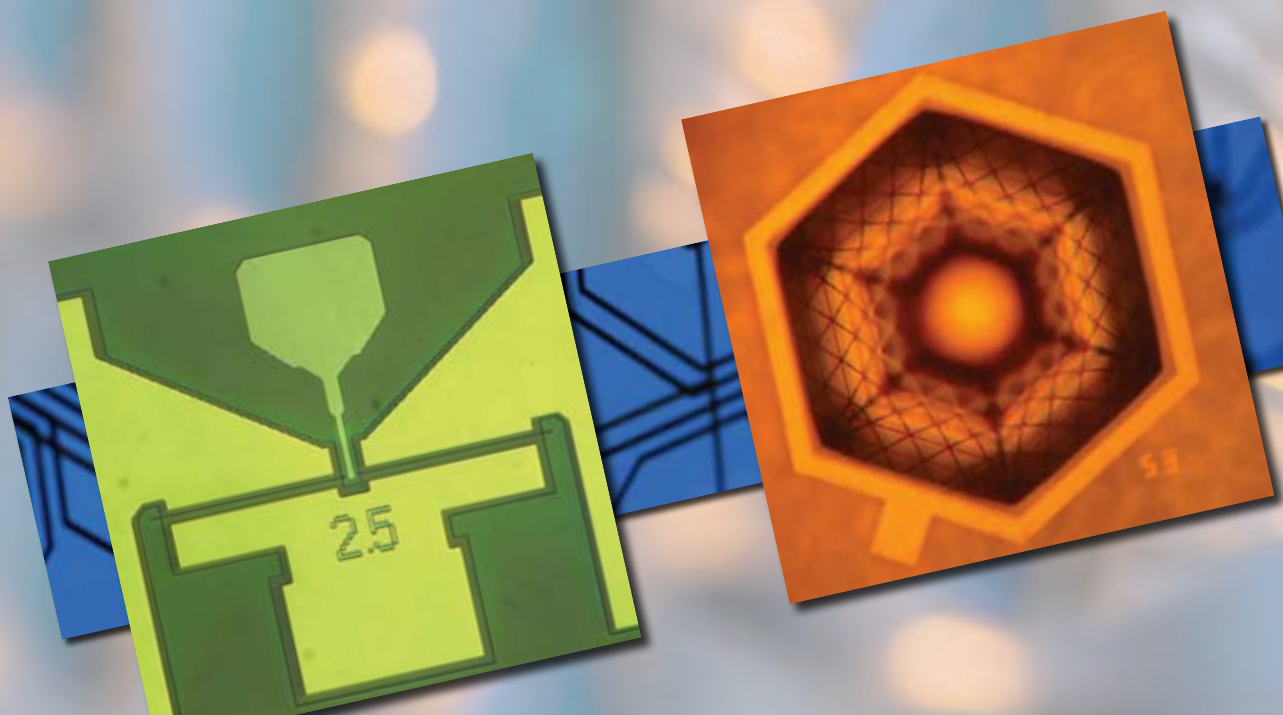


**ADVANCE BROCHURE**  
*Includes registration and housing forms*

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**Register before August 27 and save \$100!**



## 7<sup>th</sup> International Conference of Nitride Semiconductors



September 16-21, 2007 • MGM Grand Hotel • Las Vegas, Nevada, USA

*Join an international audience for this biennial conference which covers all aspects of Group-III Nitride Semiconductors.*

### **Benefit from the technical program which gives special emphasis to these areas:**

- Epitaxial Growth (MBE, MOVPE, HVPE)
- Bulk Crystals
- Theory
- Materials Issues (III-V-N, InN)
- Defect Engineering
- Structural Analysis
- Optical Characterization
- Nanostructures
- Devices (LEDs, laser-diodes, transistors, sensors)

*The complete preliminary technical program will be available online in mid-June. Visit the ICNS Web site at [www.tms.org/meetings/specialty/icns7](http://www.tms.org/meetings/specialty/icns7) to download a portable document format (PDF) file of the program, or go to the TMS Personal Conference Scheduler at <http://pcs.tms.org>.*

### **Hear from these respected speakers:**

- Hiroshi Amano, Meijo University
- Oliver Ambacher, TU Ilmenau
- J.W. Ager, LBL
- Jeremy Baumberg, Southampton
- S.F. Chichibu, Tohoku University
- Bruno Daudin, CEA Grenoble
- Werner Goetz, Philips Lumileds
- Jung Han, Yale
- Volker Härle, Osram (tentative)
- Y. Kawakami, Kyoto University
- M. Asif Khan, University of South Carolina
- Charles Lieber, Harvard (tentative)
- Kevin Linthicum, Nitronix
- Miro Micovic, HRL
- Y. Narukawa, Nichia
- K. Okamoto, Rohm
- Bill Pribble, Cree-GaN
- Bill Schaff, Cornell
- Tom Veal, University Warwick
- Claude Weisbuch, Ecole Polytechnique-Paris
- Peidong Yang, University of California, Berkeley

### **ICNS-7 builds on the success of its previous meetings:**

2005: Bremen, Germany  
2003: Nara, Japan  
2001: Denver, Colorado, USA

1999: Montpellier, France  
1997: Tokushima/Japan  
1995: Nagoya, Japan

Register online at [www.tms.org/meetings/specialty/icns7](http://www.tms.org/meetings/specialty/icns7) before August 27!

## Networking and Social Events

*As a full conference registrant, you have the opportunity to network with your colleagues from around the globe at these events!*

### **Sunday, September 16**

Evening Refreshments

### **Monday, September 17**

All Conference Luncheon  
Poster Session Reception

### **Tuesday, September 18**

Poster Session Reception

### **Thursday, September 20**

All Conference Luncheon  
Poster Session Reception  
Conference Banquet

Morning and afternoon coffee breaks will be available during the week in the exhibit hall and near the poster session.



### **Las Vegas**

The city of Las Vegas is in the southern tip of Nevada and can be reached easily by airplane, bus or automobile. The average temperatures in September are highs in the low 90s (32.2 C) and lows in the mid 60s (15.6 C). Las Vegas has seen unbelievable expansion since it emerged from the desert 100 years ago. It is enjoyed by over 38 million visitors every year. A compact city, Las Vegas has many attractions available in the central area around the Strip and downtown.

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## Exhibition

*ICNS-7 will feature a varied exhibition of products and services related to nitride semiconductor technology.*

### **Exhibit Dates and Hours**

Monday, September 17	3 to 7 p.m.
Tuesday, September 18	9:30 a.m. to noon / 3 to 7 p.m.
Wednesday, September 19	9:30 a.m. to noon
Thursday, September 20	9:30 a.m. to noon

### **Become an exhibitor and receive these benefits:**

- One full conference registration
- Company listing and hypertext link on Web site
- Company listing and description in the exhibition directory distributed on-site to all meeting attendees
- Guaranteed traffic with coffee breaks in exhibit area
- Booth location near technical sessions
- Post-show report of meeting participants
- 8' x 10' space (includes six-foot draped table; two chairs; wastebasket; standard electricity)
- Exhibition management services

*Your cost: \$1,750 per booth space.*

Space reservations are accepted on a first-come, first-served basis. Deadline is August 27.

### **Book your space now.**

Telephone: (724) 776-9000, ext. 280 / (800) 759-4TMS

E-mail: [exhibits@tms.org](mailto:exhibits@tms.org)

## Sponsorship

*Choose from several levels of sponsorship or have a plan customized to meet your budget!*

### **Brand your company as a sponsor of ICNS and receive multiple benefits, such as:**

- complimentary registration
- recognition and link on conference Web site
- recognition at conference

### **Contact ICNS-7 today for sponsorship information.**

Mike Krames

Telephone: (408) 964-2687

E-mail: [mike.krames@phillips.com](mailto:mike.krames@phillips.com)

or

Jeff Shealy

E-mail: [jshealy@rfmd.com](mailto:jshealy@rfmd.com)

Register online at [www.tms.org/meetings/specialty/icns7](http://www.tms.org/meetings/specialty/icns7) before August 27!

## Proceedings and Organizers

ICNS-7 proceedings will be published as an edition of *Physica Status Solidi* (PSS) in CD-ROM format. One copy of the CD will be shipped to each full registrant when available. Additional proceedings CD-ROMs can be purchased in advance on the registration form. The cost is \$60 each; shipping and handling are included. The proceedings will also be published as a hard-copy volume of *Physica Status Solidi*. This version may also be purchased in advance on the registration form. The cost is \$160 each; shipping and handling are included.

### Organizing Committee

Shuji Nakamura, Honorary Chair  
Umesh Mishra, Conference Chair  
Steven DenBaars, Conference Co-chair  
James S. Speck, General Program Chair  
Mike Wraback, Program Vice Chair  
Yasuhiko Arakawa, Asia Program Chair  
Andrew Allerman, Americas Program Chair  
Nicholas Grandjean, Europe Program Chair  
Jeff Shealy and Mike Krames, Industrial Liaisons  
Tomas Palacios and Debdeep Jena, Publication Co-chairs

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M. Asif Khan University of South Carolina, United States	Akihiko Yoshikawa Chiba University, Japan

\*Honorary Member

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Walter Schottky Institute

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Cree

Euijoon Yoon  
Seoul National University

Ed Yu  
University of California at San Diego

Arturas Zukauskas  
Vilnius University

## Registration

*Register before August 27 to take advantage of the discounted advance registration fee!*

Register online at [www.tms.org/meetings/specialty/icns7](http://www.tms.org/meetings/specialty/icns7) or complete the registration form in this brochure on page 8.

### **Your full conference registration fee includes:**

- Technical Sessions
- Proceedings on CD-ROM
- Conference Banquet
- Sunday Evening Refreshments
- Coffee Breaks
- Monday and Thursday Luncheons

(Student registration fee includes technical sessions, conference banquet, welcoming reception and coffee breaks.)

### **Questions about registration?**

#### **Contact TMS Meeting Services.**

Telephone: (724) 776-9000, ext. 243

Fax: (724) 776-3770

E-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org)

### **Americans With Disabilities Act**



TMS strongly supports the federal Americans with Disabilities Act (ADA) which prohibits discrimination against, and promotes public accessibility for, those with disabilities. In support of, and in compliance with, ADA, we ask those requiring specific equipment or services to contact TMS Meeting Services in advance.

### **Audio/Video Recording Policy**

TMS reserves the right to all audio and video reproductions of presentations at TMS sponsored meetings. 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 TMS Technical Programming at (724) 776-9000, ext. 212, to obtain a waiver release.

### **Support for ICNS-7 Provided by:**

Air Force Office of Scientific Research  
Office of Naval Research

# REGISTRATION FORM

## 7<sup>th</sup> International Conference of Nitride Semiconductors



# TMS

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<b>WEB</b>	Register in advance online. <b>www.tms.org</b> <i>Online registration requires credit card payment.</i>	<b>FAX</b>	Fax this form to TMS Meeting Services. <b>(724) 776-3770</b> <i>Fax registration requires credit card payment.</i>	<b>MAIL</b>	Return this form with payment to	TMS, Meeting Services, 184 Thorn Hill Road, Warrendale, PA 15086-7514 USA

**Advance Registration Deadline: August 27, 2007** Payment must accompany form. Forms received after August 27 will be processed at a higher fee.

Please print or type:

Dr.     Prof.     Ms.     Mr.     Mrs.

(last name) \_\_\_\_\_ (first name) \_\_\_\_\_ (middle initial) \_\_\_\_\_

Employer \_\_\_\_\_

Title \_\_\_\_\_

This address is  Business     Home     New Address     Address Correction

Address \_\_\_\_\_

(city) \_\_\_\_\_ (state/province) \_\_\_\_\_ (zip/postal code) \_\_\_\_\_ (country) \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_  
(country) (area/city) (local number) (country) (area/city) (local number)

E-mail \_\_\_\_\_ Guest/Spouse Name \_\_\_\_\_

Guests do not receive admission to technical sessions.

**Please check the appropriate category and enter the totals where indicated.**

### Registration Fees

**Fees Through August 27, 2007    Fees After August 27, 2007**

Full Conference .....\$695 .....\$795

(Includes technical sessions, Sunday evening refreshments, coffee breaks, Monday and Thursday luncheons, banquet, and proceedings CD-ROM)

Student (Copy of student school identification card must accompany form.) .....\$300 .....\$400

(Includes technical sessions, Sunday evening refreshments, coffee breaks, Monday and Thursday luncheons, and banquet)

### Social Function Tickets (Thursday dinner event included in full conference and student registration fees.)

Banquet Tickets for Guests ..... Quantity: \_\_\_\_\_ @ \$65/ea. = \_\_\_\_\_

Dietary Restrictions:  Vegetarian     Kosher     Other (please specify) \_\_\_\_\_

### Additional Proceedings:

The proceedings will be published as an edition of *Physica Status Solidi* (PSS) in CD-ROM format. One copy of the CD will be shipped to each full registrant when available. Additional proceedings CD-ROMs can be purchased below. The proceedings will also be published as a hard-copy volume of *Physica Status Solidi*, which may also be purchased below.

CD-ROM ..... Quantity: \_\_\_\_\_ @ \$60/ea. = \_\_\_\_\_

Hard-Copy Volume ..... Quantity: \_\_\_\_\_ @ \$160/ea. = \_\_\_\_\_

### Totals

**TOTAL FEES PAID** ..... \$ \_\_\_\_\_

**REFUND POLICY:** Written requests must arrive at TMS no later than August 27, 2007. No refunds will be issued after August 27, 2007. A \$75 processing fee is charged for all cancellations.

### Payment Method

Check payable to The Minerals, Metals & Materials Society

*Payment should be made in U.S. dollars drawn on a U.S. bank.*

VISA     MasterCard     Diners Club     American Express

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Name \_\_\_\_\_

Cardholder Signature \_\_\_\_\_



## Travel

McCarran International Airport is a 10-minute drive from the MGM Grand Hotel.

### **MGM Grand Hotel**

Make your hotel reservation early to take advantage of discounted rates for this conference. Complete the housing form on page 10 and return it to the MGM Grand Hotel no later than August 14.

#### **Rates:**

The following rates do not include 9-percent hotel tax. Due to the high demand of the hotel and city on Fridays and Saturdays, room rates have been contracted as indicated below.

	Sunday-Thursday	Friday-Saturday
· Single/Double Occupancy	\$139	\$209
· Triple Occupancy (three persons, two beds)	\$169	\$239
· Quad Occupancy (four persons, two beds)	\$199	\$269



### **Car Rental**



Official Car Rental Company for ICNS-7

Make your reservations in advance online at [www.hertz.com](http://www.hertz.com) or call: (800) 654-2240 in the United States and Canada; 1-405-749-4434 international.

Identify yourself as an attendee of the 7th International Conference on Nitride Semiconductors and reference CV#02QI0024. You must give the reservations agent the Hertz CV# to receive the special rates. Rates are available from Hertz locations in Las Vegas, Nevada, USA, from Sept. 9-28, 2007.

#### **Terms and Conditions:**

- Unlimited mileage allowance
- One-way service fee applies 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 listed 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.

# HOUSING FORM

## 7<sup>th</sup> International Conference of Nitride Semiconductors



# TMS

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Fax reservation form to: (702) 891-3136

Mail reservation form to: 3799 Las Vegas Blvd. South, Las Vegas, NV 89109

Toll-free telephone number: (800) 929-1111

Reservations received after **August 14, 2007**, or after the rooms reserved for this group have been sold, are subject to group space availability.

Please print or type:

Mr.     Ms.     Dr.

\_\_\_\_\_ (last name) \_\_\_\_\_ (first name) \_\_\_\_\_ (middle initial)

Home Address     Business Address

Address \_\_\_\_\_

\_\_\_\_\_ (city) \_\_\_\_\_ (state/province) \_\_\_\_\_ (zip/postal code) \_\_\_\_\_ (country)

Home Telephone \_\_\_\_\_ Business Telephone \_\_\_\_\_  
(country) (area/city) (local number) (country) (area/city) (local number)

Fax \_\_\_\_\_ E-mail \_\_\_\_\_  
(country) (area/city) (local number)

### Room Information

Rates listed do not include a 9-percent hotel tax. Due to the high demand of the hotel on Friday and Saturday before and after the conference, room rates have been contracted as listed below.

	Sunday-Thursday	Friday-Saturday
<input type="checkbox"/> Single/Double Occupancy	\$139 + tax	\$209 + tax
<input type="checkbox"/> Triple Occupancy (three persons, two beds)	\$169 + tax	\$239 + tax
<input type="checkbox"/> Quad Occupancy (four persons, two beds)	\$199 + tax	\$269 + tax

The maximum occupancy allowed per room is four (4) persons. Check-in time is 3 p.m.; check-out time is 11 a.m.

Arrival Date \_\_\_\_\_ Departure Date \_\_\_\_\_

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

Sharing Room With (Names) \_\_\_\_\_

Special Requests (subject to availability) \_\_\_\_\_

### Payment

VISA     MasterCard     Diners Club     American Express     \_\_\_\_\_

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Name \_\_\_\_\_ Cardholder Signature \_\_\_\_\_

Credit Card Billing Address \_\_\_\_\_

\_\_\_\_\_ (city) \_\_\_\_\_ (state/province) \_\_\_\_\_ (zip/postal code) \_\_\_\_\_ (country)

### CANCELLATION POLICY

Refund will be made on reservations canceled more than 48 hours prior to arrival. For each reservation, the first night's room and tax will be charged to the credit card listed above at the time of the booking. No-show reservations will be charged the group rate for one night.

# Join TMS today and save **50%** off the cost of membership!

*As your professional partner for career advancement, TMS offers you technical information and networking opportunities specific to your field.*

## Enjoy these benefits for the remainder of 2007:

- Free print and electronic subscription to *JOM*, the monthly technical journal exploring the traditional, innovative and revolutionary issues in the minerals, metals and materials fields
- Free downloads from Materials Technology@TMS, a new Web site that allows you to network, share knowledge and utilize resources in technology-specific communities online
- Free access to TMS e-Library, powered by Knovel®, with databases, online engineering reference books and analytical tools
- Discounts on the *Journal of Electronic Materials*, and *Metallurgical and Materials Transactions A and B*
- Discounts on publications and conference fees
- Networking opportunities with fellow members and colleagues from around the globe
- Members-only access to the TMS network of professionals through the searchable online membership directory
- Special privilege at the online TMS Career Center

## To begin enjoying these benefits for only \$52.50:

Call (800) 759-4TMS, ext. 259, or e-mail [members@tms.org](mailto:members@tms.org).

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[www.tms.org](http://www.tms.org)

# TMS

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***You are invited to ICNS-7!***