

# TMS 2006 ELECTRONIC MATERIALS CONFERENCE

June 28-30, 2006  
Pennsylvania State University  
University Park, PA

The premier annual forum on the preparation  
and characterization of electronic materials!

# EMC

EXHIBIT PROSPECTUS

**TMS**

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

# Exhibition

**Connect your company with 500 people from around the globe interested in electronic materials by reserving your exhibit space today!**

## **About EMC Attendees:**

- ◆ Leaders in epitaxy, electronics, characterization, materials and devices
- ◆ Representing industry, business, science and academia

## **As an exhibitor, you will benefit from guaranteed traffic:**

- ◆ Exhibition hours complement the technical program schedule.
- ◆ Welcoming reception hosted in the exhibit area.
- ◆ Coffee breaks served exclusively in the exhibit area.

## **Exhibition Schedule**

Wednesday, June 28\* 9:15 a.m. to noon  
3 to 8 p.m. (Welcoming reception begins at 6 p.m.)  
Thursday, June 29 9:30 a.m. to 3 p.m.

\*Bonus Attendee Day—250 additional attendees will be on-site as part of the 2006 Device Research Conference!

## **Space Rental**

Rate is \$1,200 per 10'x10' space and includes:

1. Back and side drapes
2. Six-foot draped table
3. Two chairs and wastebasket
4. Standard electrical service
5. One full conference registration
6. Listing on EMC Web site
7. Listing in EMC Show Directory
8. Post-show report of conference participants

**Don't let this opportunity pass you by!  
Reserve your exhibit space online at  
<http://www.tms.org/EMC.html>  
or complete the enclosed form.**

Questions? Contact Cindy Wilson, TMS Exhibits Coordinator:

Telephone (724) 776-9000, ext. 231

Fax (724) 776-3770

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



## Products and Services EMC Attendees are Looking for



- III-V materials
- Advanced thin-film characterization
- Chemical Vapor Deposition (CVD)
- Compound semiconductor materials
- Failure analysis
- GaAs and InP based epitaxial wafers, substrates
- High performance purification
- High purity metalorganics
- Materials characterization
- MOCVD
- Optoelectronics
- Sapphire substrates
- Scanning probe and electron microscopes
- Silicon heterostructures
- Ultra High Purity (UHP) metals, gas and chemical
- Wafer processing equipment
- Wide bandgap semiconductors

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## Technical Program Topics\*

### Wide Bandgap Materials

Group III-Nitrides: Growth, Processing, Characterization, Theory and Devices  
Zinc Oxide: Growth, Doping, Defects, Nanostructures and Devices  
Silicon Carbide: Growth, Processing, Characterization, Theory and Devices  
Point Defects, Extended Defects and Doping in Wide Bandgap Materials

### Nanoscale Science and Technology in Materials

Low-Dimensional Structures: Quantum Dots, Wires and Wells  
Nanoscale Characterization: Scanned Probes, Electron Microscopy and Other Techniques  
Molecular Electronics: Devices, Materials and Contacts  
Nanotubes and Nanowires  
Chemical and Biological Sensors: Materials, Interfaces and Integration

### Additional Topics

Contacts to Semiconductor Epilayers, Nanowires, Nanotubes and Organic Films  
Epitaxy  
Epitaxy for Devices  
Epitaxy: Growth, Metamorphic and Templates (Other Areas)  
Point and Extended Defects in Mismatched Materials  
Nondestructive Testing and in-situ Monitoring and Control  
Semiconductors: Processing and Oxidation  
Materials Integration: Wafer Bonding and Alternative Substrates  
Oxide Thin Film Integration: Alternative Dielectrics, Epitaxial Oxides and Metal Gates  
Si-Based Heterojunctions and Strained Si: Growth, Characterization and Applications  
Narrow Bandgap Semiconductors: Antimonides and Other Materials  
Indium Nitride: Growth, Processing, Characterization, Theory and Devices  
Spin-Dependent (or Spintronic) Electronic Materials  
Dilute Nitride Semiconductors  
Flexible Thin Film Electronics  
Organic Thin Film and Crystalline Transistors: Devices, Materials and Processing

### Other/New Areas

Organic-Inorganic Hybrid Photovoltaic  
Materials and Novel Concepts for UV Detectors

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

\*subject to change

# 2006 Electronic Materials Conference

## EXHIBITION RULES AND REGULATIONS

1. **Exhibition Space Assignment:**  
Exhibit space will be assigned by TMS in accordance with the desires of the Exhibitor for specific space request and locations of competitors. Exhibitors may not let, sublet or transfer the exhibit privilege or space in whole or in part without the express written consent of TMS Show Management.
2. **Cancellation:**  
Cancellation of exhibit space must be provided in writing to TMS at least 30 days prior to the event. Cancellations will be refunded, less the deposit, for cancellations received through May 20, 2006. TMS reserves the right to reassign cancelled spaces notwithstanding, and the monies returned.

If The Minerals, Metals & Materials Society fails or is unable to fulfill its obligations in providing the opportunity to hold exhibits at the Electronic Materials Conference, the Society agrees to promptly return to the exhibitor all monies paid. If this occurs, any agreements made shall be cancelled by mutual consent, and the Society shall be relieved from all responsibility. Exhibitors shall not seek any claim against TMS for expenses incurred prior to the event cancellation. Such decision will be made prior to June 1, 2006.

3. **Use of Exhibit Space:**  
The Society, in keeping with its stated purpose, encourages exhibitors to be educational, communicative and resource-informative in their exhibit displays. All exhibits and products/services displayed must be pertinent to the field of electronic materials and in the professional interests of the registrants.

Show Management reserves the right to restrict exhibits which, because of noise, method of operation, materials or for any other reason, become objectionable and to prohibit or remove any exhibit which, in the opinion of EMC organizers and TMS, may detract from the general character of the exhibition as a whole. This reservation includes persons, things, conduct, printed matter, or anything which Show Management determines to be objectionable. In the event of such restriction or removal, TMS shall not be liable for any refunds or exhibit expenses.

4. **Selling and Order Taking:**  
The technical exhibits are intended primarily for informational, display and educational purposes. Sales are permitted, provided that transactions are conducted in an appropriate professional and business-like manner. The Society reserves the right to restrict sales activities that it deems inappropriate or unprofessional. Exhibitors agree to abide by all state, local and county tax regulations and are responsible for collecting and submitting their own sales taxes. Any necessary sales tax applications/forms must be completed in advance of the exhibition's opening. TMS will not be responsible or liable for any fees, taxes, or other expenses incurred by exhibitors as a result of their decision to sell merchandise at the exhibition.
5. **Indemnification:**  
The Exhibitor agrees to indemnify, defend and hold harmless the exhibit, The Minerals, Metals & Materials Society Inc., its members, officers and employees, Pennsylvania State University or their employees, and all individuals or organizations performing services for them (together, the "indemnities") from and against any and all liabilities, damages, actions, costs, losses, claims, and expenses (including without limitation attorneys' fees and expenses) related to personal injury, death or damage to or loss of property or profits arising out of or resulting, in whole, or in part, from any act, omission, negligence, fault or violation of law or ordinance (including, without limitation, any environmental law or regulation), of any of the indemnities, except for the gross negligence and/or willful misconduct of the indemnity.

TMS will not be liable for fulfillment of this contract as to the delivery of space and further will not be responsible for delays, damage, loss, increased costs or other unfavorable conditions due to: reason of the exhibition space being destroyed by fire, act of God, public enemy, national emergency, strikes, the authority of the law or any cause beyond its control. TMS will, however, in the event of not being able to hold an exhibit for any of the above-named reasons, reimburse the Exhibitor prorata for any prepaid rent, less any and all legitimate expenses incurred by TMS for advertising, salaries, etc., and TMS shall have no further obligation or liability to the Exhibitor. The foregoing shall be the sole and exclusive remedy of the Exhibitor.

The Exhibitor agrees to indemnify and reimburse TMS for the costs of all services and expenses incurred in connection with any collection effort should it be necessary for TMS to engage legal counsel or a collection agency to collect moneys due TMS as a result of Exhibitor's failure to pay.

6. **Insurance:**  
Exhibitors are advised to carry floater insurance to cover exhibit materials against damage or loss as well as public liability insurance against injury to the person and property of others. TMS will carry public liability insurance for injury to the exhibitor visitors, exhibitors and their agents' employers. Exhibitors' employees are not covered when on space rented by an Exhibitor. TMS shall be added as an additional insured on such policies, and the Exhibitor shall provide evidence thereof.

Exhibitors shall, at their sole cost and expense, procure and maintain through the term of this contract, the following insurance: comprehensive general liability insurance with limits not less than \$1,000,000, including contractual liability and products liability coverage and workmen's compensation in full compliance with statutory limits covering the exhibitor's employees.

7. Booth Construction:  
All exhibits must be designed to be in compliance with the Americans with Disabilities Act of 1992.

In-Line Booths

All linear booths are 10 feet deep and 10 feet wide (10' x 10') and consist of 8' high back drape and 36" high side dividers mounted on aluminum tubular frames. Signs, decorations and equipment may not rise above the 8' back wall height. Solid construction in excess of 36" high must be a minimum of 5' back from the aisle.

8. Fire Prevention Regulations:  
Display coverings, drapery, carpet, carpet padding and decorative materials must be flame resistant or sprayed with flame retardant. Storage behind booths is prohibited. Exhibitors are allowed a one-day supply of exhibit materials and give-away items within their booths. All aisles, doors, openings and fire exits must be clear at all times. Exit signs, fire alarms and extinguishers must be visible at all times. Easels, signs, etc. may not be placed beyond the booth area into the aisles. Smoking is permitted in designated areas of Pennsylvania State University campus only. Installations must meet with requirements of all inspection and fire department regulations of Pennsylvania State University. Federal, state and city laws must be strictly observed. Wiring must comply with fire codes and other applicable government agency rules and underwriter rules.

9. Exhibitor Registration:  
Each representative of an exhibiting company must wear the official exhibitor's badge for admission to, and while in, the exhibit hall. Company badges will not be accepted in lieu of the official badge. Supplementing the badge with business cards, ribbons or company logo types is not permitted. Exhibitor badges may be made out only in the name of the company shown on the application for exhibit space. Badges are not transferable.

Each exhibiting company is allocated one (1) full conference exhibitor badge per 10'x10' booth. This exhibitor's badge allows admittance to the exhibit hall and the technical sessions. Additional badges may be purchased as (1) Exhibitor Only or (2) Additional Exhibitor/Conference Attendee.

Staffing of Exhibit

Exhibit booths must be staffed at all times during the hours the exhibit hall is open.

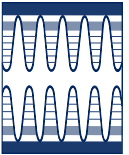
Badge Distribution

All badges for representatives who are advance registered are distributed on-site at the Exhibitor Registration Desk. A pre-registered representative of the company may sign for any or all badges for that company.

10. Dismantling:  
No Exhibitor is permitted to dismantle any part of his display until the official closing of the exhibition.
11. Power:  
It is mutually understood and agreed that TMS will use proper and reasonable care to prevent interruption in power service but shall not be held responsible for any interruption that may occur due to breakage of machinery, apparatus equipment, etc.
12. Alcoholic Beverages:  
The use and presence of alcoholic beverages within the exhibit are prohibited except when sponsored by TMS in the form of unified receptions, or with prior approval of TMS.
13. Security:  
All items that can be carried away should be put in safekeeping when the exhibit is not attended. 24-hour perimeter security is provided by Show Management.
14. Default:  
Any Exhibitor failing to occupy rental space for which the Exhibitor has contracted is held liable for such space at the full rental price. In the event exhibit space is not occupied by 10 a.m. on Wednesday, June 28, 2006, TMS has the right to use such space as it sees fit, including authorizing TMS to set up the display at the exhibitor's expense.
15. Other:  
This contract shall be interpreted according to the laws of the Commonwealth of Pennsylvania. This contract shall be binding upon the heirs, executors, administrators or assigns of Exhibitor and upon the successors and assigns of TMS, but no assignment by Exhibitor shall be binding on TMS without the written consent of TMS. This contract constitutes the complete understanding of the Exhibitor and TMS. No modification or waiver of any provision shall be valid unless in writing and signed by both Exhibitor and TMS.



2006 Electronic Materials Conference (EMC) Exhibition  
SPACE RESERVATION APPLICATION



June 28-30, 2006    Pennsylvania State University    University Park, Pennsylvania

To reserve exhibit space, complete this form and return to TMS:  
Cindy A. Wilson, TMS, 184 Thorn Hill Road, Warrendale, PA 15086-7514;  
fax (724) 776-3770; or e-mail [wilson@tms.org](mailto:wilson@tms.org).  
For more information, telephone (724) 776-9000, ext. 231, or visit <http://www.tms.org/EMC.html>

It is understood that upon receipt of the completed form, TMS will process the applicant's options, assigning a space location. Space rental must be paid in full by June 1, 2006. A nonrefundable deposit of \$275 is required to secure each space reserved and must be paid at the date of application. Application for space rental indicates the applicant's willingness to abide by all exhibit terms and conditions and general regulations attached to this application.

TMS is hereby authorized to reserve the specified quantity of 10'x10' exhibition space(s) for our company in the 2006 EMC exhibition:

Signature \_\_\_\_\_ Date \_\_\_\_\_

Contact Person (to receive correspondence and exhibit materials) \_\_\_\_\_

Company Name (as it should appear in exhibitor listings) \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_

Country \_\_\_\_\_ E-mail \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Please reserve \_\_\_\_ (quantity) 10'x10' spaces @ \$1,200 per 10'x10' space.  
The exhibit space rental includes: 6'x 30" draped table; two chairs; wastebasket; standard electricity and lighting; and one full conference registration.

Payment Information:

Check (made payable to TMS)                      TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_  
 VISA                       MasterCard                       Diners Club                       American Express

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Cardholder Name (print) \_\_\_\_\_

Signature \_\_\_\_\_

TMS USE ONLY

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Space Number Assigned: \_\_\_\_\_ Invoice #: \_\_\_\_\_ Invoice Date: \_\_\_\_\_ Invoice Amount: \_\_\_\_\_