

# 2008 LESTER EASTMAN CONFERENCE ON HIGH PERFORMANCE DEVICES

(Previously known as the Biennial IEEE / Cornell University  
Conference on High Performance Devices)



**5–7 August 2008 (Tuesday-Thursday)**

Sponsored by:  
The ELECTRON DEVICE SOCIETY (EDS) OF IEEE



The Lester Eastman Conference covers the physics and performance of semiconductor devices and circuits for high speed, high frequency, high or low power devices, and optoelectronics. Technical thrust areas include: wide band gap materials and devices; narrow band gap, low power materials and devices; and heterogeneous integration of dissimilar materials and devices. The Lester Eastman Conference emphasizes semiconductor device concepts and physical phenomena leading to new devices. There will be invited papers in key areas. Proceedings of the Lester Eastman Conference will be published in the International Journal of High Speed Electronics and Systems and as a hard cover book in the series "Special Topics on Circuits and Systems" published by World Scientific.

The following topical areas comprise the scope of the Conference:

- **Microwave and millimeter wave devices and circuits**
- **Optoelectronic devices and circuits**
- **Speculative materials, devices, and circuit concepts**

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## Conference Agenda and Technical Sessions

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|-----------------------|--|
| Tuesday<br>5 August   | <b>Plenary Session</b><br><b>UV and Visible Optoelectronics</b><br><b>Advanced III-V Electronics</b><br><b>Poster Session and Welcome Reception</b>                |
| Wednesday<br>6 August | <b>Thin Film Transistors</b><br><b>Advanced Si Electronics</b><br><b>Advanced III-N Electronics</b><br><b>Power Electronic Devices</b><br><b>Conference Dinner</b> |
| Thursday<br>7 August  | <b>Carbon Based Electronics</b><br><b>Terahertz Technology</b>   |



The Lester Eastman Conference this year will be held at the **University of Delaware**, located near the northern tip of Delaware in Newark. The University of Delaware ([www.udel.edu](http://www.udel.edu)) is within a short driving distance from the major cities Philadelphia (50 minutes), Baltimore (1 hour), Washington, DC (2 hours) and New York City (2 hours). Both individual and family accommodations will be available in area hotels. Events will include conference reception, evening banquet, and a poster session.

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Further information regarding registration, attendance, and travel accommodations to the Lester Eastman Conference on High Performance Devices can be found at the Conference Website:

<http://lec.iiiv.cornell.edu/LEC2008>

# CONFERENCE REGISTRATION

## 2008 LESTER EASTMAN CONFERENCE ON HIGH PERFORMANCE DEVICES



**5-7 August 2008 (Tuesday-Thursday)**  
**University of Delaware ([www.udel.edu](http://www.udel.edu))**



Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Telephone: \_\_\_\_\_ FAX: \_\_\_\_\_

| <b>Registration Fees</b><br><i>Please check correct box</i> | Early<br>(By July 11) | Late<br>(After July 11) | On-Site<br>(After August 4) |
|---|-----------------------|-------------------------|-----------------------------|
| Professional  | [ ] \$400             | [ ] \$450               | [ ] \$485                   |
| Student   | [ ] \$200             | [ ] \$250               | [ ] \$275                   |

Method of Payment: [ ] Check Enclosed  
[ ] Credit Card Number: \_\_\_\_\_ Exp Date: \_\_\_\_\_

**Return Registration Form By Mail, FAX,  
or Scanned and E-mailed to:**

Mr. George Narode  
RPI, ECSE Department  
6003 Jonsson Engineering Center  
Rensselaer Polytechnic Institute  
110 8<sup>th</sup> Street  
Troy, NY 12180-3590

Phone: 518-276-6071  
**FAX: 518-276-4403**  
E-Mail: [narodg@rpi.edu](mailto:narodg@rpi.edu) or [narode@ecse.rpi.edu](mailto:narode@ecse.rpi.edu)

Cancellations must be made in writing to George Narode.  
Cancellations made after 1 August 2008 are not fully refundable.