

# White-Light LEDs for Automotive and General Lighting Applications

37th Annual Spring Symposium  
American Vacuum Society – Michigan Chapter

*Co-Sponsored by  
University of Michigan  
Office of Vice President for Research  
College of Engineering  
Dept. of Electrical Eng. and Computer Science  
Michigan Memorial Phoenix Energy Institute  
National Nanotechnology Infrastructure Network*

## Program & Registration Information



Wednesday, May 26th, 2010  
University of Michigan  
EECS Building  
1301 Beal Avenue  
Ann Arbor, MI 48109

## Symposium Objective

The Spring Symposium is a one-day conference dedicated to providing an overview of innovative scientific and technological developments in thin films and nanostructures. This year's symposium is focused on solid-state lighting technologies based on white-light LEDs for automotive and general lighting applications.

## Meeting Schedule

7:50 Registration, Coffee and Breakfast

8:45 Opening Remarks, P.-C. Ku

### Session I:

Chair: Terence Brown

9:00 *Industrial Perspectives:* **Dr. Mahendra Dassanayake**, Ford Motor Company

9:30 *Keynote- Promises and challenges in solid-state lighting*

**Prof. E. Fred Schubert**

Rensselaer Polytechnic Institute

10:20 *Coffee Break*

10:40 **Dr. Michael Coltrin**

Sandia National Laboratory

11:20 **Prof. Stephen Forrest**

University of Michigan

12:00 **Lunch and Equipment Exhibit**

1-1:30 **Lurie Nanofabrication Facility Tour**

1:20 AVS-MI Business Meeting

### Session II:

Chair: P.-C. Ku

1:40 **Prof. Pallab Bhattacharya**

University of Michigan

2:20 **Prof. Nelson Tansu**

Lehigh University

3:00 *Coffee Break and Opening of Poster Session*

3:30 **Prof. Max Shtein**

University of Michigan

4:10 *Surface and Interfaces*, TBA

4:50 Closing Remarks, P.-C. Ku

5:00 **Poster Session, Equipment Exhibit and Wine-and-Cheese Reception**

6:00 **Award ceremony for student poster awards**

6:15 Symposium ends

For latest schedule, please check

<http://www.eecs.umich.edu/~peicheng/news/AVSmeeting.html>

**Location:** The symposium will take place in the EECS Building at the University of Michigan. A map is provided on the other side of this flyer. Parking near the EECS Building is available in visitor parking areas.

## Student Poster Session

Moderator: **Dr. Pilar Herrera-Fierro and Dr. Hiroko Ohtani**

The symposium includes a poster session pertaining to the topics of interests to the AVS, namely science and technology of materials, surfaces, interfaces, processing and vacuum science and technology. Cash prizes will be awarded to the best posters. Please submit by email a 200-word abstract to Prof. Ku ([peicheng@umich.edu](mailto:peicheng@umich.edu)) by **May 19<sup>th</sup>**. Early submission is highly encouraged. Please use "AVS Poster" as the subject of the email.

## Equipment Exhibit

As part of the 37th Annual Spring Symposium, an equipment exhibit will be held to display analytical and processing equipment of interest to the attendees of the meeting. The exhibit will be open to all symposium attendees during the entire day. The exhibit is open to public viewing at no charge between 10 am and 6 pm.

Companies interested in exhibits may contact Prof. Ku ([peicheng@umich.edu](mailto:peicheng@umich.edu); 734.764.7134) or Dr. Pilar Herrera-Fierro ([pilarhf@eecs.umich.edu](mailto:pilarhf@eecs.umich.edu); 734.936.8239).

## Organizing Committee

Terrence Brown, Pilar Herrera-Fierro, Michael Lukitsch, Hiroko Ohtani  
Symposium Chair: P.-C. Ku

## Registration Form

37th Annual Spring Symposium,  
White-Light LEDs for Automotive and General  
Lighting Applications  
Wednesday, May 26, 2010

REGISTRATION FEE (please circle one)

	Before May 19	After May 19
Member	\$60	\$70
Non-member	\$70	\$80
Full-time student*	\$30	\$40

\*The registration fees are waived for student poster presenters (first author only)

TOTAL DUE \_\_\_\_\_

**New!** Three options to register:

1. Web registration: use this link  
<http://www.eecs.umich.edu/~peicheng/news/AVSmeetingReg.html>
2. Email registration: please email the following information to [Michael.lukitsch@gmail.com](mailto:Michael.lukitsch@gmail.com)
3. Mail-in registration: please mail this form to the following address:

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

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

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

Phone: \_\_\_\_\_

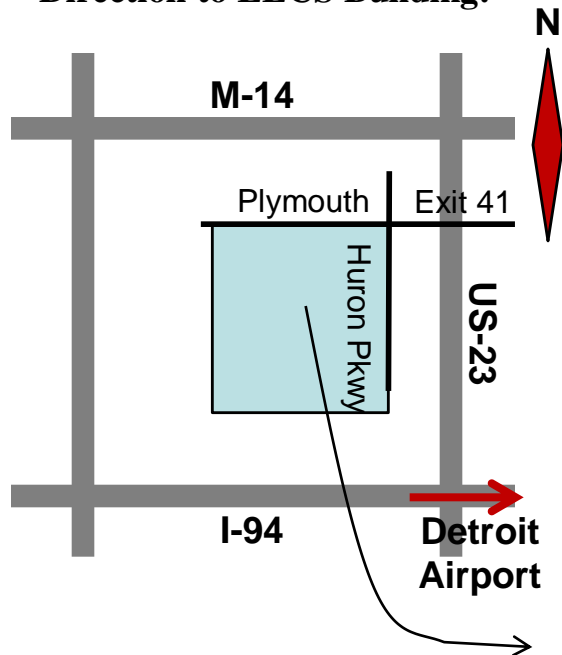
Email: \_\_\_\_\_

- Payment enclosed  
 Will pay at Symposium

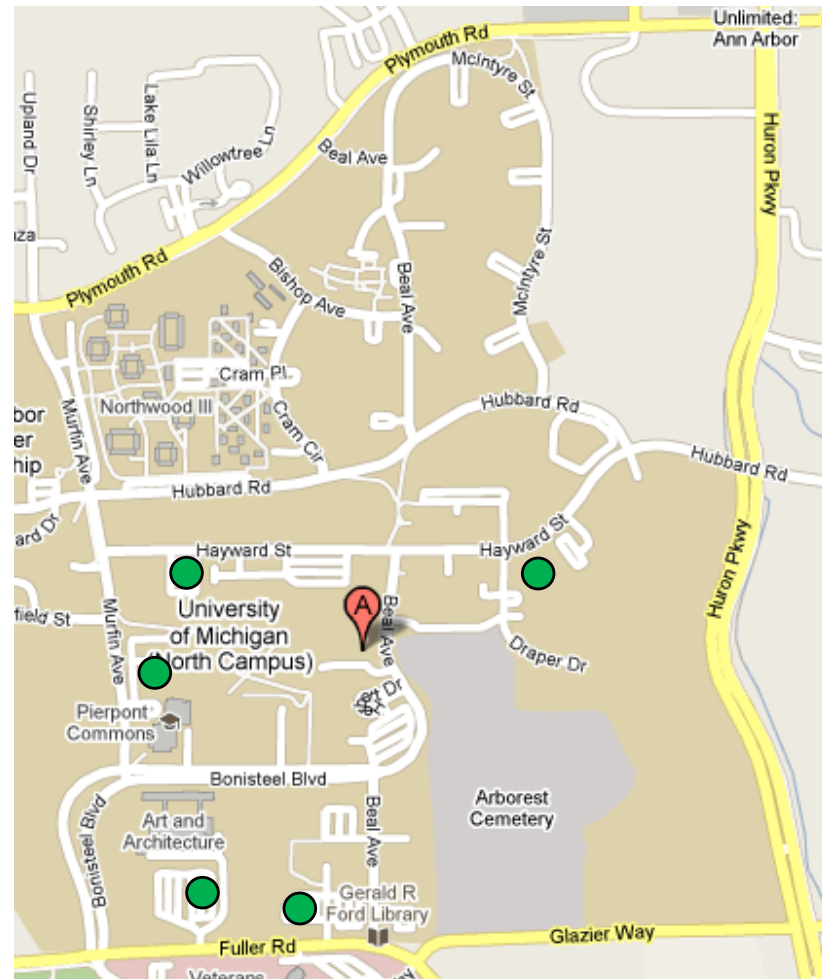
Cash or check is preferred, but credit cards can also be accepted. Check or money order should be payable to "Michigan Chapter AVS".

Mike Lukitsch, MI-AVS Treasurer  
General Motors R&D Center  
30500 Mound Road, 480-106-320  
Warren, MI 48090-9055  
phone: 586-986-0835; fax: 586-986-4890

## Direction to EECS Building:



- A EECS Building
- Visitor parking



## Accommodations near the North Campus:

<a href="#">Hampton Inn North</a>	734-996-4444	800-426-7866	2300 Green Rd, 48105	\$\$
<a href="#">Hawthorn Suites</a>	734-327-0011	800-527-1133	3535 Green Court, 48105	\$\$\$
<a href="#">Holiday Inn near U of M</a>	734-769-9800	800-800-5560	3600 Plymouth Rd, 48105	\$\$\$
<a href="#">Microtel Inns and Suites</a>	734-997-9100	888-771-7171	3610 Plymouth Road, 48105	\$
<a href="#">Red Roof Inn</a>	734-996-5800	800-733-7663	3621 Plymouth Rd, 48105	\$\$

For more travel information: <http://www.eecs.umich.edu/eecs/visitors/travel.html>