

**FINAL CALL FOR PAPERS**



**2001 INTERNATIONAL SEMICONDUCTOR  
DEVICE RESEARCH SYMPOSIUM**



**SYMPOSIUM FOCUS**

This year the International Semiconductor Device Research Symposium (ISDRS'01) focuses on advanced electronic materials and semiconductor devices. Areas such as novel device concepts, advanced processing technologies, nanotechnology, wide band-gap semiconductors, MEMS materials and devices, oxides and dielectrics, magnetic materials and devices, organic and polymer optoelectronic materials and devices, ultra high frequency devices & RF effects, and high power-high temperature devices, are included. The Symposium brings together diverse participants in multidisciplinary areas, and provides the forum for extended personal scientific interaction for engineers, scientists, and students working in the field of advanced electronic materials and device technologies.

**PAPER TOPICS**

Papers are requested in the following areas:

- Novel Device Concepts and Ideas
- High Frequency Devices & RF Effects
- Advanced Processing Technologies
- Nanoelectronics
- Advanced Characterization Techniques
- Wide Band-Gap Semiconductors
- MEMS Materials and Devices
- Oxides and Dielectrics
- Magnetic Materials and Devices
- Organic Materials and Devices
- High-Power, High-Temperature Devices
- Photonics and Optoelectronics
- Advanced SOI Device Technology
- SiGe Devices
- Device Simulation and Modeling
- Infrared Materials and Devices
- Phonon Engineering
- Sensors and Actuators
- Ohmic and Schottky Contacts

**DATES TO REMEMBER**

**Symposium Dates: December 5-7, 2001**

**NEW! Abstract Deadline: September 7, 2001**

(see overleaf for more information about abstract requirements and notification)

**SYMPOSIUM LOCATION**

**Holiday Inn Georgetown**

2101 Wisconsin Avenue, N.W., Washington, DC 20007

Tel: 1-202-338-4600 Fax: 1-202-338-4458

**BEST STUDENT PAPER AWARD**

Student papers will be considered for the Best Student Paper Award, IF THE ABSTRACT IS IDENTIFIED AS A STUDENT PAPER AT THE TIME OF SUBMISSION.

**1999 Recipients:** 1st Place: H. Mohseni (NWU) 2nd Place: H. Shang (Lehigh)  
3rd Place: D. M. Longo (UVA), P. Kung (NWU)

**ALDERT VAN DER ZIEL AWARD**

The award is established in honor of Professor Aldert van der Ziel for his long and distinguished career as an educator and research scientist. Past recipients include Arthur Milnes, Lester Eastman, Herbert Kroemer (Nobel Laureate Physics 2000), and Michael Shur. **Please visit our website to enter nominations for the award.**

**For Updated Information, On-line Registration, and to Vote on Awards Please Visit:  
[http://www.ece.umd.edu/ISDRS\\_2001](http://www.ece.umd.edu/ISDRS_2001)**

**SPONSORS**



**PLENARY SPEAKERS**

**Steve Forrest**  
Princeton University  
Organic Semiconductors

**Khalil Najafi**  
University of Michigan  
MEMS

**Pallab Bhattacharya**  
University of Michigan  
Microphotonics

**INVITED SPEAKERS**

- Serge Luryi, SUNY Stony Brook
- Dimitris Pavlidis, University of Michigan
- Marty Peckerar, NRL
- Manijeh Razeghi, Northwestern University
- Axel Scherer, California Technological University
- Michael Shur, RPI
- Stephen Senturia, MIT
- Klaus Jensen, MIT
- Bill Sharp, John Hopkins
- Yogesh Gianchandani
- Chong Ahn, University of Cincinnati
- Walter Duncan, Texas Instruments
- John Hauser, North Carolina State University
- Charles Ahn, Yale University
- Rodney McKee, Oak Ridge National Laboratory

**SESSION CHAIRS**

- Fil Bartoli (NSF)
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- Jerry Woodall (Yale)
- Dwight Woolard (ARO)
- Chung-chih Wu (U Taiwan)
- John Zolper (ONR)

**COVER LETTER SPECS**

The cover letter must include:

1. Title of presentation
2. Names, complete mailing address and affiliations of the authors
3. Name, phone number, fax number, e-mail address of the speaker
4. Suggested area for submitted abstract
5. Preference for oral or poster presentation
6. Student paper notice

**NOTIFICATION**

Authors of accepted papers will be notified by September 28, 2001. If selected your abstract will be included in the Proceedings. **Full versions of papers will be submitted upon arrival at the symposium to be considered for publication in the special ISDRS'01 Issue of Solid State Electronics.**

**ADDRESS CORRESPONDENCE TO:**

Two hard copies of the cover letter and 4 hard copies of the extended abstract should be sent and an electronic PDF formatted copy of the extended abstract should be emailed to one of the addresses below, depending on geographic area:

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**COMMITTEES**

**Symposium Committee**

- Agis A. Iliadis (UMD): Symposium Chair
- Jerry Woodall (Yale): Symposium Co-Chair
- Ken A. Jones (ARL): Program Chair
- Reza Ghodssi (UMD): Program Co-Chair
- Can Korman (GWU): Local Arrangements Chair
- John Kidder (UMD): Publication Chair

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- Jerry Woodall: Yale University

**HOTEL RESERVATIONS**

**For hotel reservations call 202.338.4600 or email gaskins@higtown.com and mention ISDRS'01 for the conference rates of \$139(single) and \$149(double) by October 19.**

**Attention! Make Reservations Early Due to Limited Availability.**

**ISDRS'01 REGISTRATION FORM**

NAME: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE/PROVINCE: \_\_\_\_\_  
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 EMAIL: \_\_\_\_\_

	by 10/5/01	after 10/5/01	Total
Registration:	\$325	\$375	_____
Student Registration:	\$150	\$175	_____
Extra Reception Ticket:	\$40	\$40	_____
Extra Banquet Ticket:	\$50	\$50	_____
Extra Proceedings:	\$60	\$60	_____
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**ABSTRACT SPECIFICATIONS**

The camera ready extended abstract should be typewritten on one side of each page only. Please follow the example below as closely as possible. Limit: **four pages** of single spaced text, figures, and references (IEEE Trans. Format).

