



# 1991 INTERNATIONAL SEMICONDUCTOR DEVICE RESEARCH SYMPOSIUM

December 4, 5, 6, 1991 (Preceding the DEC. 8-11, 1991 IEDM in Washington, D.C.)

## PAPERS IN THE FOLLOWING AREAS ARE REQUESTED:

Novel semiconductor device ideas  
and concepts  
Microwave devices  
SiC, diamond, etc.  
Thin Film Transistors  
(a-Si and polysilicon)  
Photonics and optoelectronics  
Simulation and modeling  
New device fabrication technology

## TOPICAL PANELS, CHAIRS INCLUDE:

- 1 Optoelectronics, *E. Towe*
- 2 SiC and related materials  
and devices, *Y.S. Park*
- 3 Thin Film Transistors, *M. Hack*
- 4 Charge Storage Devices, *H. Weaver*
- 5 Millimeter wave devices, *R.J. Mattauch*

## INVITED SPEAKERS INCLUDE:

Regis Betsch, *Westinghouse*  
Steve Chou, *University of Minnesota*  
Brian Clifton, *MIT Lincoln Labs*  
Michael Dyakonov, *USSR*  
Zinovi Gribnikov, *USSR*  
Anatoly Grinberg, *AT&T*  
George Haddad, *University of Michigan*  
Eric Jones, *Sandia Labs*  
Dimitris Ioannou,  
*George Mason University*  
Rudolf Kazarinov, *AT&T*  
Dieter Kern, *IBM*  
Serge Luryi, *AT&T*  
Dimitris Pavlidis, *University of Michigan*  
Vladimir Perel, *USSR*  
Markus Pessa, *Finland*  
Mark Pinto, *AT&T*  
Klaus Ploog, *Germany*  
Michael Spencer, *Howard University*  
Michael Stroschio, *ARO*  
Robert Suris, *USSR*

A USA/USSR workshop on semiconductor theory may be organized in conjunction with ISDRS pending NSF funding.

## LOCATION

Omni Charlottesville Hotel,  
Charlottesville, VA 22901, USA.

Easily accessible by US 29 and Interstate 64, connecting with Interstates 95 and 81, the area is serviced by rail, bus, and direct air flights from major cities. Charlottesville is located 110 miles southwest of Washington, DC and 80 miles west of Richmond, Virginia. The Charlottesville airport is served by US Air, Delta, and United (United Express), airlines with non-stop flights from Baltimore, Washington, DC, Pittsburgh, Cincinnati, and Charlotte, North Carolina. Avis and Hertz rental cars are available at the airport. Call Enterprise Travel at 1-(800)759-9437 for discounted travel arrangements, or FAX, 1-(703)433-4068.

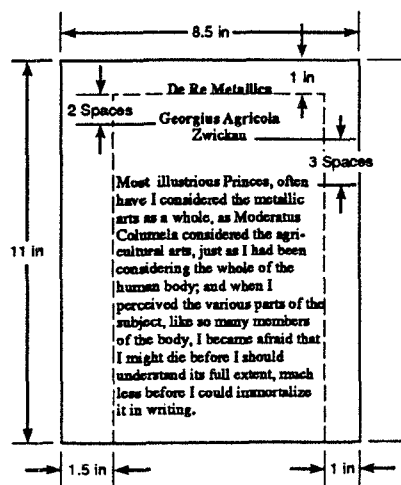
## EXTENDED ABSTRACT DEADLINE

September 20, 1991

(A limited number of exceptional papers may be accepted after this date.)

## EXTENDED 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).



## ADDRESS CORRESPONDENCE TO:

One copy of the cover letter and 3 copies of the Extended Abstract should be sent to one of the following (according to your location):

Michael Shur, ISDRS  
Department of Electrical Engineering  
Thornton Hall  
University of Virginia  
Charlottesville, VA 22903-2442  
USA  
FAX: +1 - 804 - 924 - 8818  
(North and South American participants)

Kwiro Lee  
Department of Electrical Engineering,  
KAIST  
P.O.Box 150, Chongryang,  
Seoul 130-650  
KOREA  
FAX: +82 - 2 - 960 - 2103  
(All participants from Far East, India,  
New Zealand, and Australia)

Mikhail E. Levinshtein  
A. F. Ioffe Phys. Tech. Institute of the  
Academy of Sciences of the USSR  
194021 Leningrad,  
Polytechnicheskaya 26  
USSR  
(All participants from the Soviet Union)

Tor A. Fjeldly  
The Norwegian Institute of Technology  
Department of Electrical Engineering  
and Computer Science  
O. S. Bragstads plass 4  
N-7034 Trondheim  
NORWAY  
FAX: +47 - 7 - 59 - 1441  
(All participants from Europe and countries not mentioned above)

## SPONSORS

This symposium is sponsored by the University of Virginia in cooperation with the IEEE Microwave Theory and Techniques Society, the United States National Committee of URSI, the Army Research Office, and the Office of Naval Research.