

ROCS is moving to



# CALL FOR PAPERS ROCS Workshop

Reliability Of Compound Semiconductors

**Monday May 17, 2010**

Preceding the International Compound Semiconductor MANufacturing TECHNOlogy Conference

**Portland Marriot Downtown Waterfront**

**SPONSORED BY JEDEC COMMITTEE JC-14.7 AND EIA**

Co-sponsored by the Electron Devices Society of the Institute of Electrical and Electronics Engineers, Inc.

The 25th annual Reliability Of Compound Semiconductors **Workshop** will be held one day before the Compound Semiconductor MANufacturing TECHNOlogy Conference with the objective of bringing together researchers, manufacturers, & users of compound devices. Papers presenting the latest results and new developments in all phases of Compound Semiconductor Reliability are solicited. Original papers discussing work in progress and emerging device technologies are acceptable and encouraged. Topics of interest include:

Failure Mechanisms  
Metallization Studies  
Electromigration  
Materials Defects  
Drift, Backgating  
ESD/EOS/Pulse Burnout

Circuit Reliability  
Cost of Reliability  
Quality Assurance  
Reliability Standards  
Ionic Migration  
Hot Electron Effects

Reliability Modeling  
Thermal Analysis  
Accelerated Testing  
Radiation Effects  
Novel Device Problems  
Environmental Effects

**PAPER SUBMISSION:** Authors are asked to submit electronic copies of a one or two page comprehensive summary suitable for a 15 minute presentation. The summary must clearly state: **(1) the purpose of the work and what problems or questions it addressed, (2) the results or conclusions of the work, and (3) how the work advances the knowledge of Compound Semiconductor Reliability.**

The authors' name, affiliation, complete address, telephone number, FAX number, and E-mail must appear on the summary. Authors are responsible for obtaining all required company and government clearances prior to submission of the summary. Summaries must be received by the Technical Program Chairman by March 8, 2010. Acceptance notices will be sent out by April 2, 2010. Upon acceptance, authors will be asked to submit one camera-ready original of an extended summary, viewgraphs, and a copyright release by April 19, 2010 for publication and distribution to the attendees at the workshop. All submittals become the property of the ROCS Workshop, and will not be returned.

**SUMMARIES MUST BE SUBMITTED BY March 8, 2010**

**PRE-REGISTRATION IS REQUIRED TO ASSURE PARTICIPATION IN THE LUNCHEON**

Save money and pre-register, please check our website for the latest registration details.

**Visit our Website at <http://www.jedec.org/home/gaas/>**

# 2010 ROCS Workshop

Monday, May 17, 2010      Portland, Oregon

To submit a paper

**Send Summaries, by March 8, 2010**

to Peter Ersland via email at: [Peter.Ersland@macomtech.com](mailto:Peter.Ersland@macomtech.com)

electronic submittal is preferred, PDF files are okay, use Microsoft Word (2003) as a default

## ROCS Workshop Committee Members:

TECHNICAL PROGRAM CHAIRMAN

**Peter Ersland**  
M/A COM

PUBLICITY

**William J. Roesch**  
TriQuint Semiconductor

PUBLICATIONS

**Robert J. Ferro**  
The Aerospace Corporation

REGISTRATION

**Sam Kayali**  
Jet Propulsion Laboratory

LOCAL ARRANGEMENTS

**Ken McGhee**  
JEDEC

Asian Representative  
**Frank Yungshi Chou**  
WIN Semiconductors

European Representative  
**Roberto Menozzi**  
University of Parma

## **PRE-REGISTRATION MUST BE RECEIVED BY MAY 3, 2010**

Registration for the 2010 ROCS Workshop includes:

*Full Day of Compound Semiconductor Reliability Presentations*

*A Copy of the Digest of Papers*

*Luncheon and 2 Breaks*

**Advance Registration = \$200**

**On-site Registration = \$225**

**Special (Advance Only) Registration Fee of \$175 for IEEE or JEDEC Members.**

Late registration, as available, will be in Portland on May 17th from 7:30-8:30AM

*For further information, contact:*

**Peter Ersland**

**Technical Program Chairman**

M/A Com

Phone = (978) 656-2817

E-mail = [Peter.Ersland@macomtech.com](mailto:Peter.Ersland@macomtech.com)

