



# CALL FOR PAPERS ROCS Workshop

Reliability Of Compound Semiconductors

**Monday April 23, 2012**

Preceding the International Compound Semiconductor MANufacturing TEChnology Conference

**Boston Park Plaza Hotel**

**Boston Massachusetts, USA**

**SPONSORED BY JEDEC COMMITTEE JC-14.7**

The 26th 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 Feb 13, 2012. Acceptance notices will be sent out by March 5, 2012. Upon acceptance, authors will be asked to submit one camera-ready original of an extended summary, viewgraphs, and a copyright release by March 26, 2012 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 Feb 13, 2012**

**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/>**

# 2012 ROCS Workshop

Monday, April 23, 2012

Boston, Massachusetts

To submit a paper

**Send Summaries, by Feb 13, 2012**

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:

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M/A COM

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## **PRE-REGISTRATION MUST BE RECEIVED BY APRIL 9, 2012**

Registration for the 2012 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 JEDEC Members.**

Late registration, as available, will be in Boston on April 23rd from 7:30-8:30AM

*For further information, contact:*

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