



CALL FOR PAPERS

ROCS Workshop

Reliability Of Compound Semiconductors

Monday May 7, 2018

Preceding the International Compound Semiconductor MANufacturing TECHNOlogy Conference

Hyatt Regency Austin
208 Barton Springs Road,
Austin, TX 78704 Tel. (512) 477-1234

SPONSORED BY JEDEC (COMMITTEES JC-14.7 / JC- 70)

The 33rd 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	Circuit Reliability	Reliability Modeling
Metallization Studies	Cost of Reliability	Thermal Analysis
Electromigration	Quality Assurance	Accelerated Testing
Materials Defects	Reliability Standards	Radiation Effects
Drift, Backgating	Ionic Migration	Novel Device Problems
ESD/EOS/Pulse Burnout	Hot Electron Effects	Environmental Effects
GaN Power Conversion Devices	RF GaN	Wide Bandgap Power Devices
All Compound Semiconductors	Compounds for 5G	Heterogenous Integration

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, 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 emailed to rocs@jedec.org by **February 12, 2018**. Acceptance notices will be sent out by March 5, 2018. Upon acceptance, authors will be asked to submit one camera-ready original of an extended summary, viewgraphs, and a copyright release by April 2, 2018 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 February 12, 2018

ADVANCE 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/>

2018 ROCS Workshop

Monday, May 7, 2018 - Austin, Texas

To submit a paper

Send Summaries, by February 12, 2018 to: rocs@jedec.org

electronic submittal is required, PDF files are okay, or use Microsoft Word as a default

ROCS Workshop Committee Members:

WORKSHOP CHAIRMAN

Martin Kuball

University of Bristol

TECHNICAL PROGRAM CO-CHAIRMEN

Randy Lewis

Northrop Grumman Corp.

Don Gajewski

Wolfspeed

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University of Parma

Hajime Sasaki

Mitsubishi Electric

Kurt Smith

Transphorm

Dave Via

AFRL

ADVANCE REGISTRATION MUST BE ENTERED ON-LINE BY APRIL 23, 2018

Registration for the 2018 ROCS Workshop includes:

Full Day of Compound Semiconductor Reliability Presentations

A Soft Copy of the Presented Papers

Luncheon and 2 Breaks

Advance Registration = \$225 (on-line)

On-site Registration = \$275

Special (Advance Only) Registration Fee of \$200 for JEDEC Members.

Special \$100 Advance Registration Fee for Students (Presenting Student Authors get in Free, Advance Registration Only).

At-the-door registration, as available, will be at Austin on May 7th from 7:30-8:30AM

For further information, contact:

Martin Kuball

University of Bristol

Workshop Chairman

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