RADECS 2015 AWARDS

It is a tradition that presentations at the RADECS conference are peer evaluated in order to identify and give public recognition to the best work presented that year: best oral paper, best poster and best Data Workshop paper. In addition the Jean-Marie Palau award is given in memoriam of Jean Marie Palau to recognize the best “student paper” of the conference. To this aim, each session has been separately evaluated by different Committees. Each Committee was composed of session chairs and experts in the field.

The results are:

**Best Oral Paper**

UV Single-Photon Absorption Single-Event Transient Testing of Pristine and Irradiated AlGaN/GaN HEMTs


1Sotera Defense Group, 2U.S. Naval Research Laboratory, 3George Washington University

**Best Poster Paper**

Semi-Empirical Method for Estimation of Single-Event Upset Cross-Section for SRAM DICE Cells

M. S. Gorbunov1,2, A. B. Boruzdina2, P. S. Dolotov1

1Scientific Research Institute of System Analysis (SRISA), 2National Research Nuclear University MEPhI

**Best Data Workshop**

SEL Sensitivity Differences in IC’s with Same Crystals Marking

A. A. Pechenkin, P. V. Nekrasov, A. B. Boruzdina, D.E. Protasov

National Research Nuclear University MEPPhI/Specialized Electronic Systems (SPELS)

**Meritorious Paper**

Redundant Skewed Clocking of Pulse-clocked Latches for Low Power Soft Error Mitigation

A. Gujja, S. Chellappa, C. Ramamurthy and L. T. Clark

Arizona State University
Jean Marie Palau award (best student paper)

Dark Current Spectroscopy in CMOS Image Sensors Irradiated with Alpha Particles
J-M Belloir1, V. Goiffon1, P. Magnanı, C. Virmontois2, O. Gilard2,
M. Raine3, P. Paillet3
1ISAE, 2CNES, 3CEA

Modeling charge buildup in deposited oxides under x-ray and gamma Irradiation
A. A. Smolinı, A. V. Sogoyan2, A. V. Ulanova2, A. A. Demidov2
1National Research Nuclear University MEPhI, 2Specialized Electronic Systems (SPELS)

Victor and I would like to personally express our gratitude to each member of the Awards Committees for the effort performed during the conference to follow the sessions.

Awards Chairmen

Christian POIVEY
ESA ESTEC

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