

9th QCA Final Presentation Day – 27th & 28th of January 2009.

09:00-09:10 Overview (final agenda) and Introduction to CNES Presentations.

ESA/ESTEC, NL – Reno Harboe Sørensen

CNES, France – Francoise Bezerra/Robert Ecoffet

09:10-09:30 LET Needs Based on SPOT Data

CNES, France – Robert Ecoffet

09:30-09:50 CARMEN2/MEX – First Set of In-Flight Data

CNES, France – Francoise Bezerra

**09:50-10:20 Radiation Characterisations of ST MOSFETs –
Overview and Results.**

ESA/ESTEC, The Netherlands – Fredrik Stureson

CNES, France – Francoise Bezerra

10:20-10:40 Fluence Effect on SEE Response of Power MOSFETs.

EADS, Astrium, France – Daniel Peyre

10:40-11:00 Coffee Break

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11:00-11:20 Methodology to Predict the SEE Rate in Vertical MOSFET with Deep Charge Collection.

THALES Alenia Space, France – Ronan Marec

11:20-11:40 Dose Evaluation Methods Based on PMOS Embedded Results.

TRAD, France – Christian Chatry

11:40-12:00 Honeywell SRAM Memory SEU Sensitivity.

CNES, France – Robert Ecoffet

12:00-12:30 Probing with Heavy Ions the SET Sensitivity of Linear Devices.

ONERA, France – Thierry Nuns

12:30-14:00 Lunch Break

14:00-14:20 TID and Dose Rate Switching Method.

IES, University of Montpellier II, France – Jerome Boch

14:20-14:40 Analysis of Circuits Effects in Analog Devices.

IES, University of Montpellier II, France – Nicolas Roche

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14:40-15:00 Latent Defects.

IES, University of Montpellier II, France – Antoine Touboul

15:00-15:20 TPA Laser Determination of SET Sensitive Volume.

IMS Bordeaux, France – Vincent Pouget

15:20-15:40 Coffee Break

15:40-16:00 SEE Characterization on Operational Amplifiers.

ST Rennes, France – Geraldine Chaumont

CNES, France – Françoise Bezerra

16:00-16:20 SET Characterization and Mitigation for Logic Circuits using the 0.18 μ m CMOS AT58KRHA Process for Space Use.

Atmel, France – Guy Mantelet

16:20-16:40 SET Study on Actel Flash FPGA.

Torino University, Italy – Luca Sterpone/Massimo Violante

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16:40-16:50 Introductions to the PSI/PIF Tours.

Paul Scherrer Institut, Switzerland – Wojtek Hajdas

16:50-18:20 Tours: – 2 or 3 groups

18:20 End of Day 2 Presentations/Visits

18:30 Start of Social Programme – PSI Forum/Grand Casino Baden