

QCA Presentation Day 09/04/2002 - Agenda I.

09:30h **Welcome and Overview**

Ralf de Marino & Reno Harboe Sørensen

09:40h **TID Radiation Evaluation of Power-up Behaviour of Xilinx FPGA XQVR300.**

Saab Ericsson Space, Sweden – Fredrik Stureson

09:55h **Heavy ion Radiation Evaluation of FLASH Memories.**

HIREX Engineering, France - Francois-Xavier Guerre

10:15h **Proton and Gamma Irradiation Response Characterisation of NMRC RadFETs.**

NMRC, Ireland – Aleksandar Jaksic

10:35h **Heavy ion Transient in 2.5 V Precision Voltage References of Type 1009.**

Saab Ericsson Space, Sweden – Stanley Mattsson

10:55h **Coffee**



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QCA Presentation Day 09/04/2002 - Agenda II.

11:10h SET Verification Tests on CLC501/CLC505 and uPC2712B Amplifiers using Rosetta Test Conditions.

Astrium GmbH, Germany – Wolfgang Schaeper

11:20h Study of Front and Back Irradiation of various SDRAMs/SRAMs using different Accelerators.

HIREX Engineering, France - Francois-Xavier Guerre

11:40h Miniature Radiation Monitor.

Sensys, The Netherlands – Cees Boeder

12:00h Results of SEL Testing Performed on Selected Components Used in Equipments (MSL & PCDF) for ISS.

Astrium GmbH, Germany – Ole G. Pedersen

12:15h 60 MeV Proton and Gamma Irradiation Effects on NO and RNO Deep Submicron MOSFETs Fabricated in IMEC's 0.13 micrometer CMOS Technology.

IMEC, Belgium – A. Mercha (Eddy Simoen)

12:50h Lunch Break



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QCA Presentation Day 09/04/2002 - Agenda III.

14:00h Heavy ion and Proton Radiation Characterisation of Samsung K4S640832D 64-Mbit SDRAM for Mars Express and Hitachi HM5225805 256-Mbit SDRAM for CryoSat.

HIREX Engineering, France - Francois-Xavier Guerre

14:20h Proton Testing of 3C91C Opto-Couplers for ENVISAT-1.

ESA/ESTEC, The Netherlands – R. Harboe Sørensen

14:40h Geant4 – Tools for Radiation Shielding and Effects.

Univ. Bern, Switzerland – Laurent Desorgher

15:10h SREM Modelling, Calibration and Initial PROBA Data.

PSI, Switzerland – Wojtek Hajdas

15:40h **Coffee**



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QCA Presentation Day 09/04/2002 - Agenda IV.

15:55h **Radiation Effects Analysis Tools.**

QinetiQ, UK – Fan Lei and Sira, UK – Gordon Hopkinson

16:45h **QCA Year 2002 - Ongoing/New Radiation Activities.**

ESA/ESTEC - D/TOS-QCA –

17:10h **Reserved for Relevant Presentations**

17:30h **End of the Technical Program**

19:00h **Start of Social Program – Chinees-Indisch Restaurant**

TONG AH

De Grent 36, Noordwijk aan Zee



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Final Reports/Transparencies - QCA Day 09/04 2002.

<https://escies.org/public/radiation/>

Pr. No	Subject	Re-ports	Trans par.	Pr. No	Subject	Re-Ports	Trans par.
01	Agenda 09/04	-	Y	10	IMEC's .13um	?	Y
02	XQVR300	2	N	11	64/256 Mbit	2	N
03	FLASH	?	N	12	3C91C/4N49	1	Y
04	RadFETs	4	Y	13	Geant4	?	N
05	LT/IS-1009	1	N	14	SREM	-	N
06	SET – Amplif.	1	Y	15	Rad. Tools	?	Y
07	Front/Back	?	N	16	QCA 2002	-	N
08	MRM	1	Y	17	Reserved	-	N
09	SEL for ISS	2	N	18	Social	-	N

01, 14, 16, 17 & 18: No contract report issued.

Final Reports: Number = Available Now ? = Available soon



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Ref. : D/TOS-QCA/AGENDA-09/04/2002

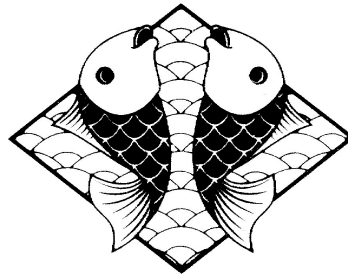
Social Event - Dinner Tonight at 19:00

Chinees - Indisch Restaurant

東亞酒家

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