

VI Scuola Nazionale "Rivelatori ed Elettronica per Fisica delle Alte Energie, Astrofisica, Applicazioni Spaziali e Fisica Medica"

Thursday, March 26, 2015

RADFAC Day - Aula Villi (9:00 AM - 6:20 PM)

time	[id] title	presenter
9:00 AM	[82] Welcome and introduction to teh RADFAC 2015 Day	
9:10 AM	[69] Modelling od diamond devices with TCAD tools	MOROZZI, Arianna
9:30 AM	[66] Results on FBK 3D pixel detectors for CMS	RAVERA, Fabio
9:50 AM	[67] Radiation hardness study on double-sided 3D sensors after proton and neutron irradiation	Mr SULTAN, D M S
10:10 AM	[68] A radiation qualification procedure for nanosatellites and High Energy applications at the CHARM facility at CERN	Mr SECONDO, RAFFAELLO
10:30 AM	[70] A method for measuring the effect of total ionising dose on temperature coefficients of semiconductor devices	Mr HOFMAN, Jiri
10:50 AM	Coffee break	
11:20 AM	[71] Study of a thermal annealing approach for very high total dose environments	Mrs DHOMBRES, Stephanie
11:40 AM	[72] Evaluation of neutron-SEB thresholds of COTS power MOSFETs with TCAD simulations	Mr GIORDANO, Carlo
12:00 PM	[73] Radiation-induced single event transients modeling on ultra-nanometric technologies	Mr DU, Boyang
12:20 PM	[74] Radiation vulnerability in 65 nm CMOS I/O transistors exposed io ionizing radiation	DING, Lili
12:40 PM	[75] Noise performance of 65 nm CMOS transistors exposed to ionizing radiation	Ms RICEPUTI, Elisa
1:00 PM	Lunch	
2:00 PM	[83] A short review of INFN irradiation facilities	BISELLO, Dario
2:20 PM	[84] The SIRAD irradiation facility at LNL	SILVESTRIN, Luca
2:40 PM	[85] High spatial resolution external beams	GIUNTINI, Lorenzo
3:00 PM	[86] Irradiations at the INFN-LABEC facility in Florence	GIUNTINI, Lorenzo
3:20 PM	[87] The "LABORATORIO ACCELERATORE	DI CAPUA, Francesco
3:40 PM	Coffee break	
4:10 PM	[76] Use of FPGAs in radiation areas in HEP experiments and colliders	GRASSI, tullio
4:30 PM	[77] A new analog front-end for the HL_LHC of the CMS pixel detector	MONTEIL, Ennio
4:50 PM	[78] Radiation hardness techniques for the digital parts of the chip pALPID	PANATI, Serena
5:10 PM	[79] Radiation effects on semiconductor laser diodes	Dr MARCELLO, Giulia
5:30 PM	[80] Common problems in time domain reflectometry attacked with the ramer-douglas-peucker algorithm: from radiation effects on optical fibres to coaxial level monitoring	Mr CORDELLA, Francesco

5:50 PM

[81] Final remarks and conclusions