



Agenzia Spaziale Italiana

Agenda Workshop:

“Componentistica EEE per lo spazio Stato dell’arte e prospettive”

Martedì 15 Marzo 2022					
09:00-09:30	REGISTRAZIONE		RELATORE	TITOLO PRESENTAZIONE	
09:30-10:00	1 2	INTRODUZIONE	FORMARO DI CLEMENTE NATALUCCI CARPENTIERO	EEE surveillance ASI Supported Irradiation Facilities (ASIF) Program - Operating Development Phase	
			ESA	ANDREW BARNES	EEE Space Component Sovereignty For Europe - an Introduction
10:00 - 10:40		EU	FABIO VITOBELLO	European Commission programmes on space EEE components – EU sovereignty and non-dependence	
10:40-11:00	PAUSA				
11:00-12:00	DI CLEMENTE	3	TASI	FEUDALE MARZIALE	EEE RF Components: status and strategy at Thales Alenia Space Italia
		4	OHB	ANDREA CORAZZA	Impiego di componentistica EEE in unità di controllo per payload scientifici: l’esperienza di OHB Italia
		5	SITAEI	GIOVANNI TUCCIO	SITAEI heritage and perspective on EEE parts for Space
12:00-13:20	DIRETTA STREAMING	6	LEONARDO	CLAUDIO LANZIERI	Leonardo – Foundry Capabilities
		7	STm	GIUSEPPE CAMONITA ANTONIO RIVIERA	STM positioning to address the Space applications (vision, mission, strategic guidelines, product range)
		8	POLIFAB	MARCO SAMPIETRO	Innovative Integrated Instrumentation for Nanoscience
		9	IMT	FRANCESCO ZACCHEO	IMT srl and EEE Parts activity
13:20-14:30	PRANZO				
14:30-15:50	CARPENTIERO	10	MICROCHIP	LUCA CATTANEO	Introduction to Microchip’s most innovative Radiation Tolerant FPGA platfor
		11	INGENIARS	RICCARDO CASSETTARI GIUSEPPE GENTILE	Ingeniars the art of egineering
		12	UNIPISA	LUCA FANUCCI	Dispositivi Elettronici per l’accelerazione Hardware di Algoritmi di Intelligenza Artificiale a Bordo di Satelliti
		13	UNIPD	ANDREA STANCO	Flexible FPGA - based system for satellite quantum communication
15:50-16:10	PAUSA				
16:10-17:50	CARPENTIERO	14	TECIP	ALESSANDRO BIONDI DANIEL CASINI	Time Predictability and Mixed-Criticality with COTS Platforms
		15	INFN	STEFANO DELLA TORRE	HelMod calculator of Galactic Cosmic Rays fluence for deep space missions
		16	UNIROMA 1	BEATRICE D’ORSI	Study of the radiation effects on electronic components
		17	IMT	GABRIELE GERMANI	Electron Beam Radiation Tests - The eRAD Project experience
		18	POLITO	LUCA STERPONE	Analysis and Mitigation of radiation effects on COTS FPGAs



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09:00-09:30	REGISTRAZIONE	RELATORE	TITOLO PRESENTAZIONE	
09:30-10:50	1	MECSA	ERNESTO LIMITI	MECSA: Microwave Engineering Center for Space Applications
	2	TORVERGATA	FRANCESCA BRUNETTI	Flexible perovskite solar cells and modules for space applications: challenges and perspectives
	3	SSSA	BOGONI ANTONELLA MARCO ROMAGNOLI	Photonic for Space
	4	FBK	PIERLUIGI BELLUTTI	Technologies and Devices for Space
10:50-11:10	PAUSA			
11:10-13:30	5	TASI	ERNESTO DI PAOLA	RF Micropackaging technology in Thales Alenia Space Italia
	6	CISTELAIER	LUCA PAGNANI	Componentistica EEE per lo spazio Stato dell’arte e prospettive
	7	SOMACIS	MINA RELLA PATRICK CESTOLA FABIO ACCATTOLI	SOMACIS Global partner for high tech pcb
	8	ELCO	MAURO SANDRI PAOLO LEONI	Tecnologia: due proposte
	9	FBK	DAVID NOVEL	Development of flex PCBs for particle detectors and space applications
	10	UNIVAQ	LUIGI POMANTE	UNIVAQ: Embedded Systems Design Group
	11	UNIMARCHE	ANTONIO MORINI	Generalized Thur-reflect line calibration technique for the measurement of waveguide devices in multioctave band
13:30-14:30	PRANZO			
14:30-15:50	12	UNIPD	ENRICO ZANONI	Studio dell’affidabilità di tecnologie GaN HEMT per applicazioni spaziali: il progetto RELGAN
	13	IMT	GIOVANNI CUCINELLA	The Coordinated Parts Procurement for New Space Programs
	14	STm	DAVIDE PATTI FRANCESCO PINTACUDA ENRICO ALESSI	ST MEMS sensors
	15	TASI	ALESSANDRO CAVAGNOLI	COTS FOR Space: oppurtunity and prospectiveSPACE: OPPORTUNITY AND PROSPECTIVE
15:50-16:10	PAUSA			
16:10-17:10	16	TASI	GIOVANNI MANNOCCHI	EEE RF Components: status and strategy at Thales Alenia Space Italia
	17	RFMICROTECH	LUCA PELLICCIA	New generation compact microwave filters for satellite applications from L-band to Ka-band
	18	SOLIANIEMC	IVANO SOLIANI	Shielding solution for electromagnetic interferences with also warm dissipation
17:10-17:30	CONCLUSIONE DEI LAVORI			