

SatTech4EO

Workshop on Satellite Technology and Remote Sensing Techniques for Earth Observation within the Copernicus programme

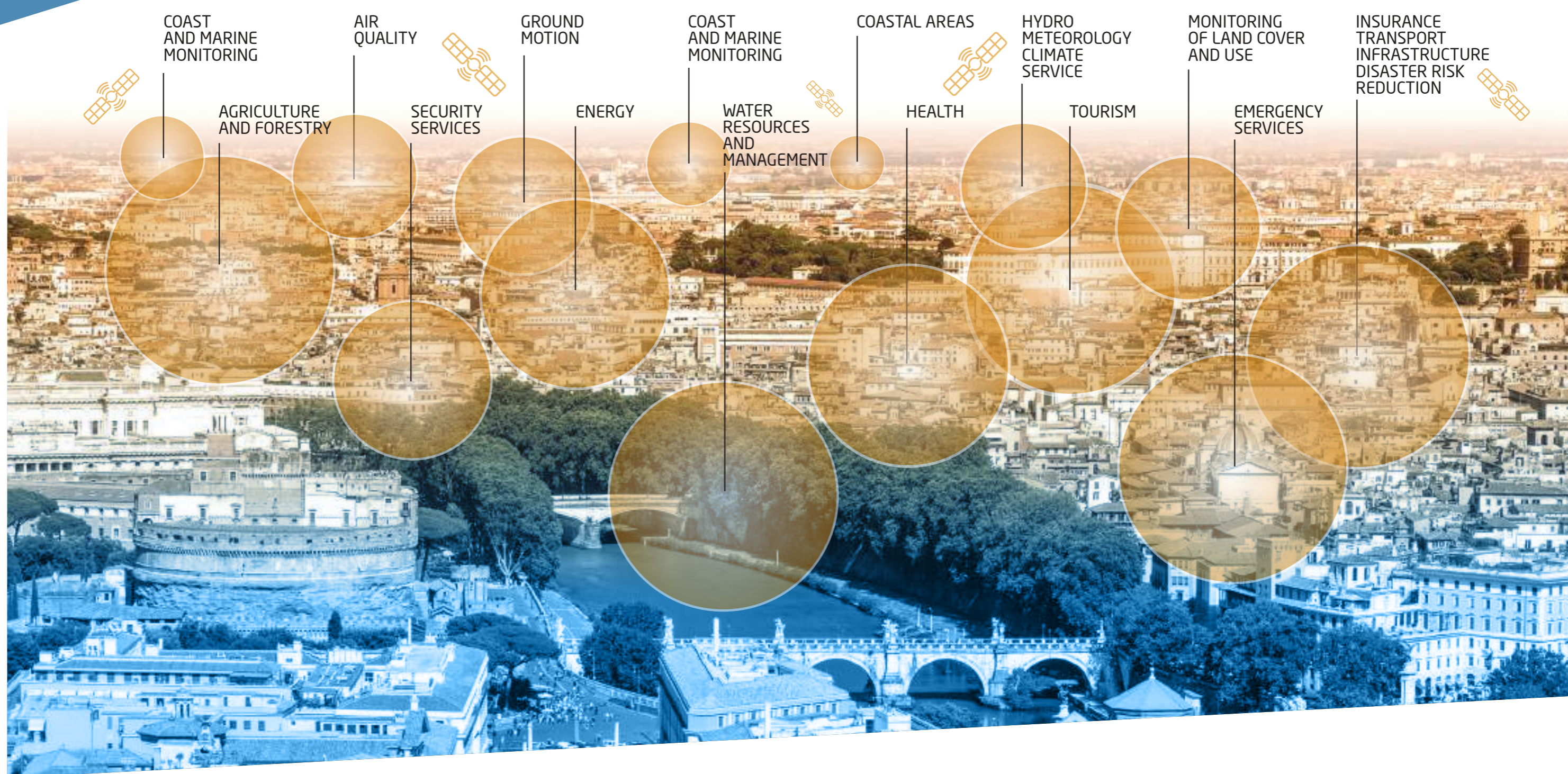
14-15 June 2023

Faculty of Civil and Industrial Engineering
Sapienza Università di Roma

Via Eudossiana 18, Rome



SAPIENZA
UNIVERSITÀ DI ROMA



DAY 1 - 14 June

Day/Chair	Time	Session	Speaker	Organization	Title	
June 14 Morning Chair: Pierdicca & Castellani	09:00-09:20	Opening Welcome	Prof. Luciano Iess	CRAS	Saluti	
			Prorettrice Francesca Bozzano	Sapienza		
			Presidente Stefano Laporta	ISPRA		
	09:20-09:40	Copernicus: the EU Earth Observation Programme	Andrea Taramelli	IUSS Pavia National Delegation in Copernicus	The Earth Observation Programs and Copernicus: Concept and Structure	
			Giancarlo Filippazzo	ESA	The Copernicus Space Component, status and future prospects	
			Franco Saverio Rubertone	ESA	IRIDE System: an Italian Asset for Environmental Management	
			Giovanni Valentini	ASI	ASI national EO missions - Partenariato Esteso Spazio	
	09:40-11:00	The Space Component: European and National Programs	Roberto Luciani	ASI	ASI new EO missions	
			Coffee Break			
			11:00-11:30	The Space component and technology status	Ornella Bombaci	Thales Alenia Space
Giulia Capuani	OHB	Iride & Saturn, Small Sat for Earth Observation				
Carmine Mastrandrea	Leonardo	Leonardo hyperspectral payload for Earth Observation: PRISMA and beyond				
11:30-12:50		Filippo Graziani	Gauss srl	Contribution of startups in the field of small satellites		
		Lunch Break				
June 14 Afternoon Chair: Laneve	14:00-15:40	EO scientific development for applications 1	Riccardo Lanari	CNR-IREA	Satellite radar interferometry for the deformation analysis of the ground and of the built-up environment: current scenario and future opportunities	
			Maurizio Migliaccio	Università Parthenope	Physical Processing	
			Andrea Monti Guarnieri	Politecnico di Milano	Near-continuous monitoring of fast evolving events by Geostationary SAR	
			Stefano Corradini	INGV	Volcanic cloud monitoring using satellite systems: state of the art and perspective	
			Michele Munafò Luca Congedo	SINA/Eionet group ISPRA	In-situ data necessity and role, experience from Eionet and SNPA perspective	
Coffee Break						
June 15 Afternoon Chair: Marsella & De Bernardinis	16:00-18:00	EO scientific development for applications 2	Alessandra Bonazza	CNR-ISAC	Climate and Atmosphere Services for safeguarding cultural Heritage	
			Gherardo Chirici	Università di Firenze	Recent advancements for the multiscale monitoring of forest ecosystems: the role of Earth Observation	
			Luca Palchetti	CNR-INO	The FORUM mission: a new spectral observation providing an accurate characterisation of far-IR Earth's emission	
			Marco Brogioni	CNR-IFAC	Cryorad: a new low frequency wideband radiometry mission for monitoring the cryosphere	
			Claudia Notarnicola	Eurac	Algorithm development to monitor and analyze processes in mountain areas	
			Emiliana Valentini	CNR ISP-IUSS	Applications of Hyperspectral data for Land Use and Land Cover mapping toward Copernicus evolution	
Wrap up and Final discussion						
18:00-18:30 Social event and dinner						
19:00						

DAY 2 - 15 June

Day/Chair	Time	Session	Speaker	Organization	Title	
June 15 Morning Chair: Bonora	09:00-09:45	The Copernicus Uptake roadmap and its components	Andrea Taramelli	IUSS Pavia Copernicus National User Forum Coordinator	The Copernicus National User Forum	
			Bernardo De Bernardinis	Copernicus Academy National Coordinator	The Copernicus Academy Network	
			Maria Castellani	ISPRA - Copernicus Academy National Coordination	The Copernicus Relay Network	
			Serena Geraldini	ISPRA - Copernicus Relay National Coordination		
	09:45-10:45	The Copernicus Operational Service component	Antonello Bruschi	ISPRA and UFN Consultation Board	The monitoring and management of Coastal Zone	
			Luca Guerrieri		The monitoring and management of Cultural Heritage	
			Stefano Mariani		C3S in support of national hydro-meteorological and climate services and products	
			Michele Munafò Ines Marinossi		The CLMS and the evolution of the territory	
	Coffee Break					
	June 15 Afternoon Chair: Marsella & De Bernardinis	11:15-12:30	Earth Observation Service Providers	Maria Teresa Melis	AIT-ASITA	AIT and ASITA as dissemination tools: from scientific laboratories to EO applications
Fabio Volpe				e-Geos	Supporting EU requirements with EO services	
Massimo Zotti				Planetek	Evolving demand for EO services: the industry perspective	
Paolo Spera				EXPRIVIA	Payload Data Ground Segment Evolution & Technology Trends	
Paolo Ferrari				TRE Altamira	From Mapping to Monitoring: a Paradigm Shift in EO	
12:30-13:30	Data providers infrastructures	Gianmaria Giaconia	SERCO	Evolution of data access platforms and interoperability		
		Michele Betti	RHEA	Copernicus Data Space Ecosystem		
		Cristiano Nattero	FadeOut Software s.r.l. (WASDI platform)	Enabling meaningful Earth Observation services with WASDI		
13:30-14:30		Alessandro Amici	B-OPEN	Advanced access to weather and climate data in Copernicus and Destination Earth		
		Lunch Break				
June 15 Afternoon Chair: Marsella & De Bernardinis	14:30-16:30	Round Table "Earth Observation: from downstream to upstream" Seed questions Wrap Up and Conclusions	Paolo Pagliara	Protezione Civile		
			Carlo Cacciamani	Agenzia ItaliaMeteo		
			Tommaso Simonelli	Autorità di Distretto		
			Camillo Zaccarini	ISMEA		
			Lorenzo Lo Cascio	Lazio Region Conference of Regions, technical representative at the Interministerial Committee for Space and Aerospace Research Policies		
			Fabio Volpe/ Massimo Zotti	e-Geos/ Planetek		
Coffee Break						
16:30-17:00						

