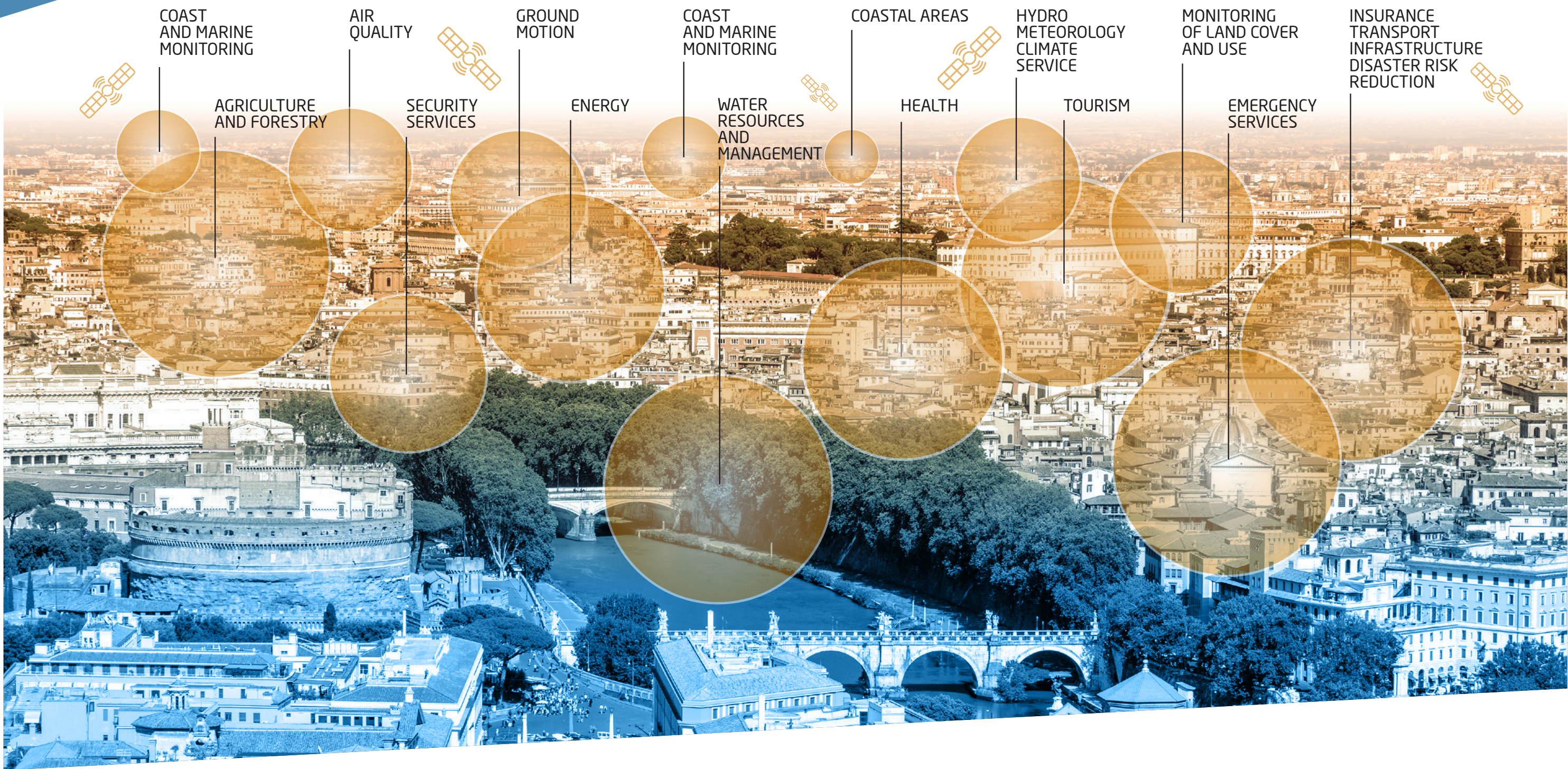


SatTech4EO

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



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
	09:40-11:00	The Space Component: European and National Programs	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
			Roberto Luciani	ASI	ASI new EO missions
	11:00-11:30	Coffee Break			
	11:30-12:50	The Space component and technology status	Ornella Bombaci	Thales Alenia Space	Technological Challenges for Space 2035: from “techno-push” to “application-pull”
Giulia Capuani			OHB	Iride & Saturn, Small Sat for Earth Observation	
Carmine Mastrandrea			Leonardo	Leonardo hyperspectral payload for Earth Observation: PRISMA and beyond	
Filippo Graziani			Gauss srl	Contribution of startups in the field of small satellites	
	12:50-14:00	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
	15:40-16:00	Coffee Break			
	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
	18:00-18:30	Wrap up and Final discussion			
	19:00	Social event and dinner			

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		
			Serena Geraldini	ISPRA- Copernicus Relay National Coordination	The Copernicus Relay Network	
	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 Marinosci		The CLMS and the evolution of the territory	
	10:45-11:15	Coffee Break				
	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	
		Earth Observation	Gianmaria Giaconia	SERCO	Evolution of data access platforms and interoperability	
			Michele Betti	RHEA	Copernicus Data Space Ecosystem	
12:30-13:30			Data providers infrastructures	Cristiano Nattero	FadeOut Software s.r.l. (WASDI platform)	Enabling meaningful Earth Observation services with WASDI
		Alessandro Amici	B-OPEN	Advanced access to weather and climate data in Copernicus and Destination Earth		
	13:30-14:30	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		
	16:30- 17:00	Coffee Break				

