

Technical Seminar: “Infrared techniques and applications for aerospace”

The seminar is sponsored and organised as an Open Engagement Event by the INTERREG Europe project: STEPHANIE - Space TEchnology with PHotonics for market and societal challenges, led by the Istituto di Fisica Applicata "Nello Carrara" (IFAC-CNR) with Tuscany Region as a key partner.

Agenda

16 September 2019

Cenacolo di Fuligno, Via Faenza, 48 Firenze - Italy

Ora	Talk	Speaker
9:00 - 9:30	Participants registration	
09:30	Welcome and opening remarks	Valentina Raimondi/Marija Strojnik, AITA organising committee Valentina Raimondi/Roberto Pini, STEPHANIE Project
	STEPHANIE project: aim and actions	Roberto Pini, IFAC-CNR Director
	R&D policies and action plan in Tuscany	Regione Toscana
	Satellite observations for weather, climate and ocean operational applications	Roberto Bonsignori, EUMETSAT
	Future trends and challenges in the aerospace sector	Enrico Suetta, LEONARDO Company
11:20	Coffee break and networking	
11:40	Chair: Fabrizia Buongiorno, INGV	
	Scientific Requirements for MWIR-LWIR payloads in new space mission studies for Earth Observation	Fabrizia Buongiorno, INGV

	<i>ESA Earth Explorer candidate mission FORUM (Far-infrared Outgoing Radiation Understanding and Monitoring)</i>	Ugo Cortesi, IFAC-CNR
	<i>Hotspots Detection based on Simultaneous Observations from Geostationary Satellites</i>	Giovanni Laneve, University of Rome "La Sapienza"
13:00	Light lunch	
14:15	<i>Chair: Ettore Lopinto, Italian Space Agency</i>	
	<i>The PRISMA Italian Hyperspectral Mission: a national challenging goal</i>	Ettore Lopinto, Italian Space Agency
	<i>Urban applications of thermal remote sensing</i>	Paolo Gamba, University of Padua
	<i>Thermal remote sensing for global volcano monitoring: Experiences from the MIROVA system</i>	Diego Coppola, University of Turin
15:30	Coffee break and networking	
15:45	<i>Chair: Roberto Colombo, University of Milan "Bicocca"</i>	
	<i>Contribution of snow thermal inertia to evaluate snowmelt dynamics</i>	Roberto Colombo, University of Milan "Bicocca"
	<i>Airborne IR system for special applications</i>	Gianni Uda, LEONARDO Company
16:30	Discussion and conclusions	
17:00	End of the Seminar.	