Summer School **COPERNICUS Sentinels, Remote sensing techniques in forestry** 16 -20 Sept, 2019

Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Day	16th Sept 2018	17th Sept	18th Sept	19th Sept	20th Sept
09:00-10:00		Earth Observation Systems[3]	Sentinel 3 optical and thermal data[5]	Sentinel & Drone Briefing[7]	Earth Engine (EE) in forestry[9]
10:00-11:00		Sentinel 1 introduction[3]	Moderate resolution for biochemical models[5]	Instruments[7]	Catalogs and big data analysis[9]
11:00-11:30		coffee break	coffee break	coffee break	coffee break
11:30-12:30		Sentinel 1 in forestry: biomass monitoring[3]	Moderate resolution for biochemical models[5]	In field data acquisition[7]	EE case study application[9]
12:30-13:00	Introduction AIT-IREA[1]	Sentinel 1 in forestry: biomass monitoring[3]	Moderate resolution for biochemical models[5]	In field data acquisition[7]	Closing section and Certificate of Participation[1]
13:00-14:30	lunch	lunch	lunch	lunch	lunch
14:30-15:30	The Copernicus Programme[2]	Forest type detection by S2 data: spectral discriminants[4]	Sentinel 2 for forest variables estimation[6]	Debriefing & evaluation of collected data[7]	
15:30-16:00	The National Copernicus User Forum[2]	Forest type detection by S2 data: phenological discriminants[4]	Sentinel 2 for forest variables estimation[6]	Tree risk assessment combining RPAS and S2 data	
16:00-16:30	coffee break	coffee break	coffee break	coffee break	
16:30-17:30	User-driven requirements of Copernicus products and applications[2]	CAP requirements in forests management: controlling wood removals[4]	Sentinel 2 for forest variables estimation[6]	Multispectral, Forest fires[8]	
17:30-18:00		CAP requirements in forests management: controlling wood removals[4]	Sentinel 2 for forest variables estimation[6]	Multispectral, Forest fires[8]	
18:30-19:30	Ice break party		Social event		

Lecturer		
	[1]Gomarasca Mario Angelo	AIT - CNR IREA Milano, Italy - *Summer School Director*
	[2]Rossi Livio	AIT President, e-Geos, Roma , Italy
	[3]Paloscia Simonetta	CNR IREA, Bari, Italy
	[4]Borgogno Mondino Enrico	UNITO, Torino, Italy
	[5]Maselli Fabio	CNR-IBIMET, Firenze, Italy
	[6]Chirici Gherardo	GEO-Lab, Università di Firenze, Italy
	[7]Perotti Luigi, Alberto Walter, Villa Fabio	IMAGEO, Italy
	[8]Stroppiana Daniela	CNR IREA, Milano, Italy
	[9]Sandu Constantin	Politecnico Torino, Italy