

ESA LTC2017 PRELIMINARY Draft Overview Programme [Status at 01 March 2017]

	MONDAY 4 SEPTEMBER 2017	TUESDAY 5 SEPTEMBER 2017	WEDNESDAY 6 SEPTEMBER 2017	THURSDAY 7 SEPTEMBER 2017	FRIDAY 8 SEPTEMBER 2017	SATURDAY 9 SEPTEMBER 2017								
08:00 - 08:15	Registration	D2T1 Advanced Optical and Thermal Applications												
08:15 - 08:30														
08:30 - 08:45														
08:45 - 09:00														
09:00 - 09:15	Welcome	Coffee break	D3T1 Multi-Temporal Analysis	D4T2a Terrain Motion – InSAR and PSInSAR	D4T2b Urban Heat Islands									
09:15 - 09:30	Course Intro	D2P1 ESA SNAP Sentinel-3 Tools, OLCI and SLSTR Data					D3T2a Multi-Temporal Analysis from ILU	D3T2b Classification of Land Cover / Land Use from Optical Data	Coffee break	D5T1a SAR Tomography	D5T1b Crop Monitoring from SAR and Optical	D6P1a Budapest Terrain Motion Case Study using Sentinel-1 Data, ESA SNAP Tools and STAMPS	D6P1b Hungary Surface Water Ponding Case Study using Sentinel-1 and -2 data and ESA SNAP Tools	
09:30 - 09:45	Land Remote Sensing in Hungary		Coffee break	D4P2a Terrain Motion – Mexico City from PSInSAR SNAP and STAMPS	D4P2b Urban Heat Islands									Coffee break
09:45- 10:00														
10:00 - 10:15														
10:15 - 10:30	Group Photo, Coffee break	D2P2 ESA SNAP Sentinel-1 Tools	D3P2a Multi-Temporal Analysis from ILU	D3P2b Classification of Land Cover / Land Use from Optical Data	D4T1 Water ponding in Hungary - Case study	D5P1a SAR Tomography PolSARpro	D5P1b Crop Monitoring from SAR and Optical	D6P1a and D6P1b Summary & Conclusion						
10:30 - 10:45														
10:45 -11:00	ESA Science for Society Programme								Coffee break	D3P3a Forest Retrievals from PolSAR	D3P3b Urban Mapping and Change Detection	(Sandwich lunch on bus)	D5T2a Rivers and Lakes monitoring – Optical, SAR and Radar Altimetry	D5T2b Soil Moisture and Water Resources
11:00 - 11:15	Sentinel for Science and Applications								D2T2 Introduction to SAR and InSAR					
11:15 - 11:30														
11:30 - 11:45	Earth Explorers for Science &and Applications (CryoSat-2, SMOS, FLEX, Biomass)	LUNCH	LUNCH	LUNCH										
11:45 - 12:00														
12:00 - 12:15														
12:15 - 12:30	Sentinel Data Access and Processing Tools				LUNCH	LUNCH	LUNCH							
12:30 - 12:45														
12:45 - 13:00	Third-Party Mission Data	LUNCH	LUNCH	LUNCH										
13:00 - 13:15														
13:15 - 13:30														
13:30 - 13:45														
13:45 - 14:00														
14:00 - 14:15	LUNCH	D2P2 ESA SNAP Sentinel-1 Tools	D3T3a Forest Retrievals from PolSAR	D3T3b Urban Mapping and Change Detection	(Sandwich lunch on bus)	D5T2a Rivers and Lakes monitoring – Optical, SAR and Radar Altimetry	D5T2b Soil Moisture and Water Resources							
14:15 - 14:30														
14:30 - 14:45								D1T1 Introduction to Optical Remote Sensing and Atmospheric Correction	Coffee break	Coffee break	Field Trip - all participants – Hungary case studies:	Coffee break		
14:45 - 15:00														
15:00 - 15:15	Coffee break	D2T3 SAR Polarimetry	D3P3a Forest Retrievals from PolSAR	D3P3b Urban Mapping and Change Detection	- Budapest terrain motion	D5P2a Rivers and lakes monitoring – SNAP and BRAT toolbox	D5P2b Soil Moisture and Water Resources							
15:15 - 15:30														
15:30 - 15:45														
15:45 - 16:00	D1P1 ESA SNAP Sentinel-2 Tools	Coffee break	D3P3a Forest Retrievals from PolSAR	D3P3b Urban Mapping and Change Detection	- Surface water ponding collection of ground and drone data	D5P2a Rivers and lakes monitoring – SNAP and BRAT toolbox	D5P2b Soil Moisture and Water Resources							
16:00 - 16:15														
16:15 - 16:30														
16:30 - 16:45														
16:45 - 17:00														
17:00 - 17:15														
17:15 - 17:30														
17:30 - 17:45		D2P3 Introduction to PolSARpro Toolbox												
17:45 - 18:00														
EVENING	Icebreaker		Poster Session											