

	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 Introduction to SAR and InSAR I.Hajsek (ETH, Switzerland)							
08:15 - 08:30									
08:30 - 08:45			D3T1a Multitemporal Analysis L. Bruzzone (Univ. of Trento, Italy)	D3T1b TBC	D4T1a Terrain Motion using InSAR and PSInSAR A. Hooper (Univ. of Leeds, UK)	D4T1b Urban Heat Islands C. Cartalis (Univ. of Athens, Greece)	D5T1a SAR Tomography L. Ferro-Famil (Uni. Rennes-1, France)	D5T1b Surface Energy Balance and Evapotranspiration B. Su (Univ. of Twente, Netherlands)	D6P1 Water Ponding in Hungary: Analysis of Ground and Drone Data, Sentinel-1/2 Data, Digital Elevation Models and the SNAP Toolbox Z. Vekerdy (SZIU, Hungary)
08:45 - 09:00									
09:00 - 09:15	Welcome								
09:15 - 09:30	Course Intro Z. Bartalis (ESA, Italy)	D2T2 SAR Polarimetry E. Pottier (Univ. Rennes 1, France)	D3P1a Multitemporal Analysis using ILU Products M. Fournellis (BRGM, France)	D3P1b TBC	D4P1a Terrain Motion using PSInSAR – Case Study using SNAP and STAMPS A. Hooper (Univ. of Leeds, UK)	D4P1b Urban Heat Islands C. Cartalis (Univ. of Athens, Greece)	D5P1a SAR Tomography using POLSARPRO L. Ferro-Famil & E. Pottier (Uni. Rennes-1, France)	D5P1b Surface Energy Balance and Evapotranspiration B. Su (Univ. of Twente, Netherlands)	
09:30 - 09:45	Land Remote Sensing in Hungary								
09:45- 10:00									
10:00 - 10:15									
10:15 - 10:30	Group Photo and Coffee Break	Coffee break	Coffee Break	Coffee Break and Briefing on Field Trip Logistics	Coffee Break	Coffee Break			
10:30 - 10:45									
10:45 -11:00	ESA Science for Society Programme Yves-Louis Desnos (ESA, Italy)	D2P1 ESA SNAP Sentinel-1 Tools M. Fournellis (BRGM, France)	D3P1a (continued)	D3P1b (continued)	D4P1a (continued)	D4P1b (continued)	D5P1a (continued)	D5T2 River Discharge and Lake Volume Variation using Radar Altimetry and Imaging Sensors A. Tarpanelli (CNR, Italy)	D6T1 Summary and Conclusions
11:00 - 11:15	Sentinels for Science and Applications Yves-Louis Desnos (ESA, Italy)							Closing Ceremony, Awarding of Diplomas	
11:15 - 11:30									
11:30 - 11:45	Earth Explorers for Science and Applications (CryoSat-2, SMOS, FLEX, Biomass) Z. Bartalis (ESA, Italy) J. Moreno (Univ. of Valencia, Spain)								
11:45 - 12:00									
12:00 - 12:15									
12:15 - 12:30	Third-Party Mission Data (A. Zmuda, Serco S.p.A. c/o ESA, Italy)								
12:30 - 12:45	Lunch	Lunch	Lunch	D4T2 Brown Bag Lunch: Water Ponding in Hungary – Case study Z. Vekerdy (SZIU, Hungary)	Lunch	Lunch	Lunch	Lunch	
12:45 - 13:00									
13:00 - 13:15									
13:15 - 13:30									
13:30 - 13:45									
13:45 - 14:00									
14:00 - 14:15									Sentinel Data Access and Processing Tools M. Fournellis (BRGM, France)
14:15 - 14:30									
14:30 - 14:45									
14:45 - 15:00	D1T1 Introduction to Optical Remote Sensing and Atmospheric Correction J. Moreno (Univ. of Valencia, Spain)	D2T3 Advanced Optical and Thermal Applications E. Chuvieco (Univ. of Alcalá, Spain)	D3P2a Forest Retrievals using SAR Polarimetry L. Ferro-Famil & E. Pottier (Univ. Rennes-1, France) TBC	D3P2b Urban Mapping and Change Detection S. van der Linden (Humboldt-Universität zu Berlin, Germany)	D5P3a Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)	D5P3b Observing the Hydrological Cycle over Land using SMOS Ahmad Albitar (CESBIO, France)			
15:00 - 15:15									
15:15 - 15:30									
15:30 - 15:45	Coffee Break	Coffee Break	Coffee Break	FIELD TRIP Water Ponding in Hungary: Collection of Ground and Drone Data Z. Vekerdy (SZIU, Hungary)	Coffee Break	Coffee Break			
15:45 - 16:00									
16:00 - 16:15									
16:15 - 16:30	D1P1 ESA SNAP Sentinel-2 Tools F. Ramoino (Serco S.p.A. c/o ESA, Italy)	Coffee Break	D3P2a (continued)	D3P2b (continued)	D5P3a (continued)	D5T4 Long-Term Hydrological Land Monitoring with Active and Passive Microwave Missions W. Dorigo (Vienna Univ. of Technology, Austria)			
16:30 - 16:45									
16:45 - 17:00									
17:00 - 17:15									
17:15 - 17:30									
17:30 - 17:45									
17:45 - 18:00		D2P3 ESA SNAP Sentinel-3 Tools, OLCI and SLSTR data A.Ruescas (Brockmann Consult, Germany)							
EVENING	Icebreaker		Poster Session						

Missions and Tools
Lecture: Principles and Theory
Lecture: Applications
Practicals
Field Trip

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