

7th Advanced Training Course on Land Remote Sensing

4–9 September 2017, Szent István University, Gödöllő, Hungary

	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 - 08:30	Museum of Agricultural Machinery, outside Room TK9: Registration	Rector's Hall: D2T1 Introduction to SAR and InSAR K. Papathanassiou (DLR, Germany)													
08:30 - 09:00			Rector's Hall: D3T1a Multitemporal Analysis L. Bruzzone (Univ. of Trento, Italy)	Room 111: D4T1a Terrain Motion using InSAR and PSInSAR A. Hooper (Univ. of Leeds, UK)	Room 114: D4T1b Urban Heat Islands C. Cartalis (Univ. of Athens, Greece)	Room 111: D5T1a SAR Tomography L. Ferro-Famil (Univ. de Rennes 1, France)	Room 114: D5T1b Surface Energy Balance and Evapotranspiration B. Su (Univ. of Twente, Netherlands)	Room 114 with audio/video link to Room 111: 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)							
09:00 - 09:10			Room TK9: D1A1: Welcome J. Tózsér (Rector of SZIU), E. Michéli (Head of the Institute of Environmental Sciences, SZIU)	Short break	Walk to Rooms 111 and 114										
09:10 - 09:15			Room TK9: D1A2: Course Intro Z. Bartalis (ESA, Italy)												
09:15 - 09:20			Room TK9: D1A3 Space-Related Activities in Hungary Z. Zboray (Hungarian Space Office)												
09:20 - 09:30															
09:30 - 09:40	Room TK9: D1A4 Land Remote Sensing in Hungary D. Kristóf (Government Office of the Capital City Budapest, Hungary)	Rector's Hall: D2T2 SAR Polarimetry E. Pottier (Univ. Rennes 1, France)	Room 111: D3P1a Multitemporal Analysis using ILU Products M. Fomellis (BRGM, France)	Room 114: D3P1b Cloud Computing and the ESA Exploitation Platforms A. Marin (Solenix c/o ESA, Italy)	Room 111: D4P1a Terrain Motion using PSInSAR – Case Study using SNAP and STAMPS A. Hooper (Univ. of Leeds, UK)	Room 114: D4P1b Urban Heat Islands C. Cartalis (Univ. of Athens, Greece)	Room 111: D5P1a SAR Tomography using POLSARPRO L. Ferro-Famil, E. Pottier (Univ. de Rennes 1, France)	Room 114: D5P1b Surface Energy Balance and Evapotranspiration B. Su (Univ. of Twente, Netherlands)							
09:40 - 10:15															
10:15 - 10:45	In front of Museum of Agricultural Machinery: Group photo	Outside Rector's Hall: Coffee break	Outside Rector's Hall: Coffee break	Outside Rector's Hall: Coffee break and briefing on field trip logistics	Outside Rector's Hall: Coffee break	Outside Rector's Hall: Coffee break									
	Outside Room TK9: Coffee break														
10:45 -11:00	Room TK9: D1A5 ESA Science for Society Programme Z. Bartalis (ESA, Italy)	Room 114 with audio/video link to Room 111: D2P1 ESA SNAP Sentinel-1 Tools M. Fomellis (BRGM, France)	D3P1a (continued)	D3P1b (continued)	D4P1a (continued)	D4P1b (continued)	D5P1a (continued)	Room 114: D5T2 River Discharge and Lake Volume Variation using Radar Altimetry and Imaging Sensors A. Tarpanelli (CNR, Italy)	Rector's Hall: D6T1 Summary and Conclusions						
11:00 - 11:15	Room TK9: D1A6 Sentinels for Science and Applications Z. Bartalis (ESA, Italy)								Rector's Hall: Closing Ceremony, Awarding of Diplomas						
11:15 - 11:30															
11:30 - 11:45	Room TK9: D1A7 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 - 12:10															
12:10 - 12:15	Room TK9: D1A8 Third-Party Mission Data A. Zmuda (Serco S.p.A. c/o ESA, Italy)														
12:15 - 12:30															
12:30 - 12:45	Lunch	Lunch	Lunch	Sandwich pick-up outside Rector's Hall	Lunch	Lunch	Lunch	Lunch	Lecture: missions and tools						
12:45 - 13:00															Lecture: principles and theory
13:00 - 13:15															Lecture: applications
13:15 - 13:30															Practical
13:30 - 13:45															Field trip
13:45 - 14:00															
14:00 - 14:15									Room TK9: D1A9 Sentinel Data Access and Processing Tools M. Fomellis (BRGM, France)	Room 114 with audio/video link to Room 111: D2P2 Introduction to PolSARpro Toolbox E. Pottier, L. Ferro-Famil (Univ. Rennes 1, France)	Room 111: D3T2a Forest Retrievals using SAR K. Papathanassiou (DLR, Germany)	Room 114: D3T2b Urban Mapping S. van der Linden (Humboldt-Universität, Germany)	FIELD TRIP	Room 111: D5T3a Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)	Room 114: D5T3b Observing the Hydrological Cycle over Land using SMOS A. Albitar (CESBIO, France)
14:15 - 14:30															
14:30 - 14:45															
14:45 - 15:00	Room TK9: D1T1 Introduction to Optical Remote Sensing and Atmospheric Correction J. Moreno (Univ. of Valencia, Spain)	Short break	Room 111: D3P2a Forest Retrievals using SAR L. Ferro-Famil, E. Pottier (Univ. de Rennes 1, France)	Room 114: D3P2b Urban Mapping S. van der Linden (Humboldt-Universität, Germany)	Water Ponding in Hungary: Collection of Ground and Drone Data Z. Vekerdy (SZIU, Hungary), J. Tamás (Univ. of Debrecen, Hungary)	Room 111: D5P3a Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)	Room 114: D5P3b Observing the Hydrological Cycle over Land using SMOS A. Albitar (CESBIO, France)								
15:00 - 15:15															
15:15 - 15:30															
15:30 - 15:45	Outside Room TK9: Coffee break	Rector's Hall: D2T3 Advanced Optical and Thermal Applications C. Cartalis (Univ. of Athens, Greece)	Outside Rector's Hall: Coffee break			Outside Rector's Hall: Coffee break									
15:45 - 16:00															
16:00 - 16:15									Walk to Main Building						
16:15 - 16:30	Room 114 with audio/video link to Room 111: D1P1 ESA SNAP Sentinel-2 Tools F. Ramoino (Serco S.p.A. c/o ESA, Italy)	Outside Rector's Hall: Coffee break	D3P2a (continued)	D3P2b (continued)		D5P3a (continued)	Room 114: D5T4 Long-Term Hydrological Land Monitoring with Active and Passive Microwave Missions W. Dorigo (Vienna Univ. of Technology, Austria)	Room 114: D5P4 Long-Term Hydrological Land Monitoring with Active and Passive Microwave Missions W. Dorigo (Vienna Univ. of Technology, Austria)							
16:30 - 16:45															
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17:15 - 17:30															
17:30 - 17:45															
17:45 - 18:00															
18:00 - 18:15	Outside Rector's Hall: Icebreaker		Corridors near Rector's Hall: Poster Session	Lázár Lovaspark: Social Dinner (Hosted)											
EVENING															