

Preliminary programme of the 8th Advanced Training Course on Land Remote Sensing

	Monday 10/09		Tuesday 11/09		Wednesday 12/09		Thursday 13/09		Friday 14/09									
	SAR	optical	group 1	group 2	group 1	group 2	group 1	group 2	group 1	group 2								
8:00 - 8:15	Registration																	
8:15 - 8:30																		
8:30 -8:45			Surface deformation with SAR Interferometry R. Hanssen (TU Delft, Netherlands)		Land cover M. Caetano (DGT/NOVA-IMS, Portugal)		Thermal remote sensing Darren Ghent (NCEO/Univ. of Leicester, UK)		Flood mapping H. Yesou (SERTIT, France)									
8:45- 9:00																		
9:00 - 9:15	Welcome speech Local organisers																	
9:15 - 9:30	Course Introduction Z.Bartalis (ESA, Italy)																	
9:30 - 9:45	ESA Science for Society Programme D. Fernandez (ESA, Italy)		Urban mapping S. van der Linden (Humboldt Univ. Berlin, Germany)		Surface deformation with PSInSAR A. Hooper (University of Leeds, UK)		Fire detection Martin Wooster (NCEO/King's College London, UK)		Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)									
9:45 - 10:00	Remote sensing in UK/ Space activities Local organisers																	
10:00 - 10:15																		
10:15 - 10:30	Group Photo and Coffee Break																	
10:30 - 10:45			Coffee Break		Coffee Break		Coffee Break		Coffee Break									
10:45 - 11:00	Sentinels for Science and Applications D. Fernandez (ESA, Italy)		Surface deformation with SAR interferometry A. Minchella (Airbus, UK)		Urban mapping S. van der Linden (Humboldt Univ. Berlin, Germany)		Land cover M. Caetano (DGT/NOVA-IMS, Portugal)		Surface deformation with PSInSAR A. Hooper (University of Leeds, UK)		Thermal remote sensing Darren Ghent (NCEO/Univ. of Leicester, UK)		Fire detection Martin Wooster (NCEO/King's College London, UK)		Flood mapping H. Yesou (SERTIT, France)		Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)	
11:00 - 11:15																		
11:15 - 11:30																		
11:30 - 11:45																		
11:45 - 12:00																		
12:00 - 12:15	Sentinel and ESA Third Party Mission Data Access & Processing Tools																	
12:15 - 12:30	M. Fitrzyk (RSAC c/o ESA, Italy)																	
12:30 - 12:45	Lunch		Lunch		Lunch		Lunch		Lunch									
12:45 - 13:00									Brown Bag Lunch Demo: River discharge and lake volume variation using radar altimetry and imaging sensors A. Tarpanelli (CNR, Italy)									
13:00 - 13:15																		
13:15 - 13:30																		
13:30 - 13:45																		
13:45 - 14:00																		
14:00 - 14:15	Introduction to optical remote sensing and atmospheric correction Pete Bunting (Aberystwyth University, UK)		Urban mapping S. van der Linden (Humboldt Univ. Berlin, Germany)		Surface deformation with SAR interferometry A. Minchella (Airbus, UK)		Surface deformation with PSInSAR A.Hooper (University of Leeds, UK)		Land cover M. Caetano (DGT/NOVA-IMS, Portugal)		Field experiment Darren Ghent (NCEO/Univ. of Leicester, UK) Michael Perry (NCEO/Univ. of Leicester, UK), Martin Wooster (NCEO/King's College London, UK)		Monitoring Vegetation in a Changing Climate G. Duveiller (JRC, Italy)		Flood mapping H. Yesou (SERTIT, France)			
14:15 - 14:30																		
14:30 - 14:45																		
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15:00 - 15:15																		
15:15 - 15:30																		
15:30 - 15:45	Coffee Break		Coffee Break		Coffee Break		Coffee Break		Closing ceremony									
15:45 - 16:00																		
16:00 - 16:15	Introduction to SAR remote sensing R. Hanssen (TU Delft, Netherlands)		Multitemporal analysis		Forestry applications with polarimetry and interferometry E. Pottier (Univ. Rennes 1, France)		Fire detection Martin Wooster (NCEO/King's College London, UK)		Thermal remote sensing Darren Ghent (NCEO/Univ. of Leicester, UK)									
16:15 - 16:30																		
16:30 - 16:45												LECTURE: INTRODUCTION, MISSIONS						
16:45 - 17:00												LECTURE: THEORY AND APPLICATIONS						
17:00 - 17:15			Introduction to ESA toolboxes F. Ramoino (SERCO c/o ESA, Italy)		Multitemporal analysis using SAR M. Fitrzyk (RSAC c/o ESA, Italy)		Change detection using optical data F. Ramoino (SERCO c/o ESA, Italy)		Forestry applications with polarimetry and interferometry E. Pottier (Univ. Rennes 1, France)		Forestry applications with polarimetry and interferometry L. Ferro-Famil (Univ. Rennes 1, France)		The hydrological cycle over land with SMOS A. Al Bitar (CESBIO, France)		Vegetation products from L-band measurements A. Mialon (CESBIO, France)			
17:15 - 17:30																		
17:30 - 17:45					Change detection using optical data F. Ramoino (SERCO c/o ESA, Italy)		Multitemporal analysis using SAR M. Fitrzyk (RSAC c/o ESA, Italy)											
17:45 - 18:00																		
18:00 - 18:15																		
18:15 - 18:30																		
	Icebreaker				Poster session		Hosted Social Dinner											