10th ESA Training on Earth Observation (Slovakia, 2018)

Programme

	Monday 17/09/2018	Tuesday 18/09/2018	Wednesday 19/09/2018	Thursday 20/09/2018	Friday 21/09/2018
8:00 - 8:30	*Registration*				
8:30 - 8:45	**Welcome** *Jana Rovňanová (Ministry of Education, Science, Research and Sport - Science and Technology Division)*	**SAR Reminders. Crop Monitoring with SAR & Optical** *Pierre Louis Frison (University of Paris-Est)*	**SAR for Land Monitoring** *Pierre Louis Frison (University of Paris-Est)*	**Flood Monitoring with S1 & S2 (SNAP)** *Luca Pipia (University of Valencia)*	**SAR & Optical Applications to Ice and Snow** *Gabriele Schwaizer (ENVEO)*
8:45 - 10:00	**Introduction to ESA Missions** *Francesco Sarti (ESA/ESRIN)*				
	Intro to ESA Data & ESA Third Party Mission *Raffaele Rigoli (Serco c/o ESA)*				
10:00 - 10:30	**PECS EO User Requirements & PECS Process Overview** *Kay Van der Made (Ajilon c/o ESA)*				
10:30 - 10:45	*Coffee break*				
10:45 - 12:30	**SAR Basics** *Nesrin Salepci (University of Jena)*	(continuation)	(continuation)	(continuation)	(continuation)
12:30 - 13:30	*Lunch*				
13:30 - 15:00	**SAR Techniques and Applications to Forestry** *Nesrin Salepci (University of Jena)*	**Crop Classification with S1, PALSAR and S2 data (SNAP, QGIS/OTB)** *Pierre Louis Frison (University of Paris-Est)*	**Multi-temporal Change Detection with S2 & L8 (SNAP, Rstudio)** *Amalia Castro Gomez (RSAC c/o ESA), Raffaele Rigoli (Serco c/o ESA)*	**Automated Vegetation Properties Mapping: Application of S2 Vegetation Loss Quantification (ARTMO)** *Jochem Verrelst (University of Valencia)*	**S1 & S2 for Snow and Ice (SNAP, QGIS)** *Gabriele Schwaizer (ENVEO)*
15:00 - 15:15	*Coffee break*				
15:15 - 17:30	**Forestry with S1: Single Image Analysis and Time Series (SNAP)** *Nesrin Salepci (University of Jena)*	(continuation)	(continuation)	**Wildfire Mapping with S1 & S2 (SNAP, QGIS)** *Jochem Verrelst (University of Valencia)*	(continuation)
	17h30: Ice Breaker				Feedback and Certificates Ceremony

Theory	
Practical	