Program of the School

Day 1: Saturday, April 22, 2017
Pattern Recognition for Remote Sensing

08h30 - 09h30	***Registration***	
09h30 - 10h00	***Opening Welcome***	
	Spring School Objectives	***Dr. Karim BAICHE/Dr. Boularbah SOUISSI***
	IEEE GRSS Activities and Opportunities	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
10h30 - 10h45	***Coffee break***	
10h45 - 12h15	***Pattern Recognition for Remote Sensing: Part 1 --- Introduction***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
12h15 - 13h30	***Lunch***	
13h30 - 15h00	***Pattern Recognition for Remote Sensing: Part 2 --- Statistical Pattern Recognition***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
15h00 - 15h15	***Coffee break***	
15h15 - 17h00	***Pattern Recognition for Remote Sensing: Part 2 --- Statistical Pattern Recognition***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***

Day 2: Sunday, April 23, 2017
Pattern Recognition for Remote Sensing

08h30 - 10h00	***Pattern Recognition for Remote Sensing: Part 3 --- Artificial Neural Networks***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
10h00 - 10h30	***Coffee break***	
10h30 - 12h00	***Pattern Recognition for Remote Sensing: Part 3 --- Artificial Neural Networks***	***Pr. Farid MELGANI (Univ. of***

		Trento, Italy)
12h00 - 13h30	***Lunch***	
13h30 - 15h00	***Pattern Recognition for Remote Sensing: Part 4 --- Support Vector Machines***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
15h00 - 15h30	***Coffee break***	
15h30 - 17h00	***Pattern Recognition for Remote Sensing: Part 4 --- Support Vector Machines***	***Pr. Farid MELGANI (Univ. of Trento, Italy)***
Day 3: Monday, April 24, 2017 ***Radar Remote Sensing: Synthetic Aperture Radar***		
08h30 - 10h00	***Radar Remote Sensing: Basics and Principlesof Synthetic Aperture Radar---***	***Pr. Irena HAJNSEK (German Space Agency)***
10h 00 - 10h30	***Coffee break***	
10h30- 12h00	***Radar Remote Sensing: Basics and Principles of Synthetic ApertureRadar---***	***Pr. Irena HAJNSEK (German Space Agency)***
12h00 - 13h30	***Lunch***	
13h30 - 15h00	***Radar Remote Sensing:Basics and Principles of SAR Interferometry---***	***Pr. Irena HAJNSEK (German Space Agency)***
15h00 - 15h30	***Coffee break***	
15h30 - 17h00	***Radar Remote Sensing: Basics and Principles of SAR Interferometry***	***Pr. Irena HAJNSEK (German Space Agency)***
Day 4: Tuesday, April 25, 2017 ***Radar Remote Sensing: Synthetic Aperture Radar***		
08h30 - 10h00	***Radar Remote Sensing: Basics and Principles of Polarimetric SAR Interferometry***	***Pr. Irena HAJNSEK (German Space Agency)***
10h 00 - 10h30	***Coffee break***	
10h30- 12h00	***Radar Remote Sensing: Basics and Principles of Polarimetric SAR Interferometry***	***Pr. Irena HAJNSEK (German Space Agency)***

12h00 - 13h30	***Lunch***	
13h30 - 15h00	***Radar Remote Sensing: TanDEM-X : Mission Status***	***Pr. Irena HAJNSEK (German Space Agency)***
15h00 - 15h30:	***Coffee break***	
15h30 - 17h00	***Radar Remote Sensing: TanDEM-L: Mission Status***	***Pr. Irena HAJNSEK (German Space Agency)***
Day 5: Wednesday, April 26, 2017 ***Hyperspectral Remote Sensing***		
08h30 - 10h00	***Hyperspectral Remote Sensing: Part 1 ---Introduction to hyperspectral remote sensing imagery***	***Pr. Mathieu FAUVEL (Univ. of Toulouse, France)***
10h 00 - 10h30	***Coffee break***	
10h30- 12h00	***Hyperspectral Remote Sensing: Part 1 ---Feature Extraction/Selection***	***Pr. Mathieu FAUVEL (Univ. of Toulouse, France)***
12h00 - 13h30	***Lunch***	
13h30 - 16h00	***Hyperspectral Remote Sensing: Part 2 --- Classification of hyperspectral images1/2***	***Pr. Mathieu FAUVEL (Univ. of Toulouse, France)***
Day 6: Thursday, April 27, 2017 ***Hyperspectral Remote Sensing***		
08h30 - 10h00	***Hyperspectral Remote Sensing: Part 2 ---Classification of hyperspectral images 2/2***	***Pr. Mathieu FAUVEL (Univ. of Toulouse, France)***
10h 00 - 10h30	***Coffee break***	
10h30- 12h00	***Hyperspectral Remote Sensing: Part 3 ---Spectral Unmixing***	***Pr. Mathieu Fauvel (Univ. of Toulouse, France)***
12h00 - 13h30	***Lunch***	
13h30 - 16h00	***Hyperspectral Remote Sensing: Part 4 ---Biophysical parameters estimation***	***Pr. Mathieu Fauvel (Univ. of Toulouse, France)***