

# Advanced Course on Radar Polarimetry 2011

## Programme

	Monday 17 DAY 1	Tuesday 18 DAY 2	Wednesday 19 DAY 3	Thursday 20 DAY 4	Friday 21 DAY 5			
8:30 - 9:00	Registration (8:00 - 9:00)	ESA EO Programs <b>Yves-Louis Desnos</b>	ESA SENTINEL-1 Mission <b>Pierre Potin</b>	TerraSAR-X / TanDEM-X <b>Prof. I.Hajsek</b>				
9:00 - 9:10	Opening <b>Dr. Maurice Borgeaud</b>	PolSAR Advanced Concepts <b>Prof. Eric Pottier</b>	Pol-InSAR Intro & Basics <b>Prof. Shane R Cloude</b>	PolSAR - Surface Parameters Estimation Intro & Basic <b>Prof. Irena Hajsek</b>	9:00 - 10:00	Recent Advances in Radar Polarimetry	Speckle Modelling <b>Dr. Carlos Lopez-Martinez</b>	
9:10 - 9:30	Course Introduction & organisation <b>Y.L. Desnos &amp; A. Minchella</b>				10:00 - 11:00		PollnSAR Modelling <b>Dr. Konstantinos Papathanassiou</b>	
9:30 - 11:00	PolSAR Basic Concepts <b>Prof. Eric Pottier</b>							
11:00 - 11:30	Coffee Break							
11:30 - 13:45	PolSAR Basic Concepts <b>Prof. Eric Pottier</b>	NEST Overview <b>Andrea Minchella</b>	Pol-InSAR Advanced Concepts <b>Prof. Shane R Cloude</b>	PolSAR - Surface Parameters Estimation Advanced Concepts <b>Prof. Irena Hajsek</b>	11:30 - 12:30	Recent Advances in Radar Polarimetry	Multi Baseline - PollnSAR <b>Dr. Stefano Tebaldini</b>	
		PolSARpro & NEST <b>Prof. Eric Pottier</b>			12:30 - 12:50		In-orbit Polarimetric SAR Spaceborne Missions	ALOS Mission Overview <b>Nuno Miranda</b>
					12:50 - 13:20			RADARSAT Missions for EO Science and Operational Applications <b>Stefane Chalifaux</b>
					13:20 - 13:50			JPL activities on airborne and spaceborne SAR Missions exploiting Radar Polarimetry <b>Dr. M. Lavalle</b>
13:50 - 15:00	Lunch							
15:00 - 16:30	PolSARpro Overview <b>Prof. Eric Pottier</b>	PolSAR Practical PolSARpro / Land Cover <b>Prof. Eric Pottier</b>	Pol-InSAR Practical Biomass Estimation <b>Prof. Shane R Cloude</b>	PolSAR Practical Surface Parameters Estimation <b>Prof. Irena Hajsek</b>	15:00 - 16:30	Keynote addresses Future perspective on Radar Polarimetry and its Applications	<b>Prof. Wolfgang-Martin Boerner</b>	
16:30 - 17:00	Coffee Break							
17:00 - 18:30	PolSARpro General Practical <b>Prof. Eric Pottier</b>	PolSAR Practical PolSARpro / Time- series analysis <b>Prof. Eric Pottier</b>	Pol-InSAR Practical Biomass Estimation <b>Prof. Shane R Cloude</b>	PolSAR Practical Surface Parameters Estimation <b>Prof. Irena Hajsek</b>	16:30 - 17:30	Closing Session		
	Welcome Cocktail							

17-21 January 2011

ESA-ESRIN

Frascati (Rome), Italy