

Legend

PRESENTATION	THEORY	PRACTICAL	SAR MISSIONS	POLoSAR-AP
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MONDAY 19 January 2015

08:30 - 09:00	Registration
09:00 - 09:15	<u>Course intro. & organisation</u> Chris Stewart, RSAC c/o ESA, Italy
09:15 - 09:30	<u>Introduction to SEOM</u> Yves-Louis Desnos, ESA, Italy
09:30 - 10:30	D1 Theory <u>PoISAR Basic Concepts</u> Prof. Eric Pottier, University of Rennes, France
<i>Coffee break</i>	
11:00 - 13:00	D1 Theory <u>PoISAR Basic Concepts</u> Prof. Eric Pottier, University of Rennes, France
<i>Lunch</i>	
14:00 - 15:30	D1 Practical <u>PoISARpro Overview</u> <u>Data ALOS (704 Mb)</u> <u>Data R2 (553 Mb)</u> Prof. Eric Pottier, University of Rennes, France Chris Stewart, RSAC c/o ESA, Italy
<i>Coffee break</i>	
16:00 - 17:30	D1 Practical <u>PoISARpro Practical Basics</u> <u>Data ALOS (704 Mb)</u> <u>Data R2 (553 Mb)</u> Prof. Eric Pottier, University of Rennes, France Chris Stewart, RSAC c/o ESA, Italy
17:30 - 19:30	<i>Welcome Cocktail</i>

TUESDAY 20 January 2015

08:30 – 09:00	SENTINEL-1 Mission Yves-Louis Desnos, ESA, Italy
09:30 - 10:30	D2 Theory PoISAR Advanced Concepts Prof. Eric Pottier, University of Rennes, France
<i>Coffee break</i>	
11:00 - 13:00	D2 Theory PoISAR Advanced Concepts Prof. Eric Pottier, University of Rennes, France
<i>Lunch</i>	
14:00 - 15:30	D2 Practical PoISARpro and Sentinel-1 Toolbox Exercise Data (580 Mb) Chris Stewart, RSAC c/o ESA, Italy Prof. Eric Pottier, University of Rennes, France
<i>Coffee break</i>	
16:00 - 17:30	D2 Practical PoISARpro and Sentinel-1 Toolbox Exercise Data (580 Mb) Chris Stewart, RSAC c/o ESA, Italy Prof. Eric Pottier, University of Rennes, France

WEDNESDAY 21 January 2015

08:30 – 09:00	<u>BIOMASS Mission</u> Klaus Scipal, ESA, Netherlands
09:30 - 10:30	D3 Theory <u>Pol-TomSAR Intro and Basics (40 Mb)</u> Prof. Laurent Ferro-Famil, University of Rennes, France Dr. Stefano Tebaldini, POLIMI, Italy
<i>Coffee break</i>	
11:00 - 13:00	D3 Theory <u>Pol-TomSAR Advanced Concepts (8.6 Mb)</u> Prof. Laurent Ferro-Famil, University of Rennes, France Dr. Stefano Tebaldini, POLIMI, Italy
<i>Lunch</i>	
14:00 - 15:30	D3 Practical <u>Pol-TomSAR Practical Forest Characterisation</u> <u>PolTomSAR Data (30 Mb) PolInSAR PolSARproSIM Data (5.6 Mb)</u> Prof. Laurent Ferro-Famil, University of Rennes, France Dr. Stefano Tebaldini, POLIMI, Italy
<i>Coffee break</i>	
16:00 - 17:30	D3 Practical <u>Pol-TomSAR Practical Forest Characterisation</u> <u>PolTomSAR Data (30 Mb) PolInSAR PolSARproSIM Data (5.6 Mb)</u> Prof. Laurent Ferro-Famil, University of Rennes, France Dr. Stefano Tebaldini, POLIMI, Italy

THURSDAY 22 January 2015

08:30 – 09:00	<u>SAOCOM CS Mission and ESA Airborne Campaign Data</u> Malcolm Davidson, ESA, Netherlands
09:30 - 10:30	D4 Theory <u>PolSAR Surface Parameters Estimation – Intro and Basics</u> Prof. Irena Hajnsek, DLR, Germany
<i>Coffee break</i>	
11:00 - 13:00	D4 Theory <u>PolSAR Surface Parameters Estimation – Advanced Concepts</u> Prof. Irena Hajnsek, DLR, Germany
<i>Lunch</i>	
14:00 - 15:30	D4 Practical <u>PolSAR Surface Parameters Estimation – Practical</u> <u>Exercise Data (487 Mb)</u> Prof. Irena Hajnsek, DLR, Germany
<i>Coffee break</i>	
16:00 - 17:30	D4 Practical <u>PolSAR Surface Parameters Estimation – Practical</u> <u>Exercise Data (487 Mb)</u> Prof. Irena Hajnsek, DLR, Germany

FRIDAY 23 January 2015

08:30 – 08:45	<u>PolSAR-Ap Intro</u> Dr. Matteo Pardini, DLR, Germany
08:45 – 09:15	<u>PolSAR-Ap Theory</u> Dr Carlos Lopez-Martinez, UPC, Spain
09:15 – 09:45	<u>PolSAR-Ap Ocean</u> Prof. Maurizio Migliaccio, University of Napoli, Italy
09:45 - 10:15	<u>PolSAR-Ap Cryosphere</u> Dr. Matteo Pardini, DLR, Germany
<i>Coffee break</i>	
10:45 - 11:15	<u>PolSAR-Ap Urban</u> Dr. Elise Koeniguer, ONERA, France
11:15 - 11:45	<u>PolSAR-Ap Forest</u> Dr. Kostas Papathanassiou, DLR, Germany
11:45 - 12:15	<u>PolSAR-Ap Agriculture and Wetlands</u> Dr Carlos Lopez-Martinez, UPC, Spain
12:15 - 13:00	<u>ALOS-2 PALSAR-2</u> Dr Masanobu Shimada, JAXA, Japan
<i>Lunch</i>	
14:00 - 14:45	<u>UAV-SAR</u> Dr. Scott Hensley, NASA JPL, USA
14:45 - 16:15	<u>Keynote address</u> Dr. Wolfgang-Martin Boerner Professor Emeritus and Director UIC-ECE Communications, Sensing & Navi. Labs, USA
<i>Closing Ceremony</i>	