



## **European School of Antennas Antennas for Space Applications**

Noordwijk, The Netherlands, 27 – 31 March 2006

### Antennas for Space Applications – 27 – 31 March 2006 – ESA-ESTEC

Monday 27 March	Tuesday 28 March	Wednesday 29 March	Thursday 30 March	Friday 31 March
09:00 – 09:15 <b>European School of Antennas Introduction</b> Prof. S. Maci	09:00 – 10:45 <b>Antennas for broadband applications</b> C. Manganot	09:00 – 09:30 <b>Earth observation: Project introduction and perspectives</b> P. Silvestrin	09:00 – 09:30 <b>Science: Project introduction and perspectives</b> N. Rando	09:00 – 10:45 <b>Antennas for other applications</b> M. Sabbadini
09:15 – 09:30 <b>Course Introduction</b> C. Manganot		09:30 – 10:30 <b>Earth observation instruments and science products</b> C. Buch	09:30 – 11:30 <b>High frequency science instruments</b> P. de Maagt	
09:30 – 10:30 <b>Fundamentals</b> C. Manganot				
10:30 – 10:45 <b>Coffee Break</b>	10:45 – 11:00 <b>Coffee break</b>	10:30 – 10:45 <b>Coffee break</b>	11:30 – 11:45 <b>Coffee break</b>	10:45 – 11:00 <b>Coffee break</b>
10:45 – 13:15 <b>Basic of antennas</b> L. Salghetti Drioli	11:00 – 13:15 <b>Mechanical/Thermal design and analysis of antennas for space applications</b> J. Santiago Prowald	10:45 – 13:15 <b>Passive instruments for Earth Observation</b> M. Sabbadini	11:45 – 13:15 <b>TTC and data transmission antennas</b> L. Salghetti Drioli	11:00 – 12:00 <b>Navigation antennas</b> L. Salghetti Drioli
				12:00 – 13:15 <b>Mechanical/Thermal test techniques of antennas for space applications</b> J. Santiago Prowald
13:15 – 14:00 <b>Lunch</b>	13:15 – 14:00 <b>Lunch</b>	13:15 – 14:00 <b>Lunch</b>	13:15 – 14:00 <b>Lunch</b>	13:15 – 14:00 <b>Lunch</b>
14:00 – 14:30 <b>Telecommunications: Project introduction and perspectives</b> J. Sandberg	14:00 – 15:30 <b>Antennas for mobile telecommunications</b> M. Sabbadini	14:00 – 16:00 <b>Active instruments for Earth Observation (SAR and wind scatterometers)</b> C. Manganot	14:00 – 16:00 <b>Ground station antennas</b> P. M. Besso	14:00 – 15:00
14:30 – 16:00 <b>Antennas for fixed telecoms (design)</b> M. Sabbadini	15:30 – 16:00 <b>High-efficiency feeds</b> L. Salghetti Drioli			Group A      Group B
				Test      Visit to test facilities
				15:00 – 16:00
				Group A      Group B
				Visit to test facilities      Test
16:00 – 16:15 <b>Coffee break</b>	16:00 – 16:15 <b>Coffee break</b>	16:00 – 16:15 <b>Coffee break</b>	16:00 – 16:15 <b>Coffee break</b>	16:00 – 16:15 <b>Coffee break</b>
16:15 – 17:15 <b>Antennas for fixed telecoms (Technology)</b> C. Manganot	16:15 – 17:00 <b>User terminals for mobile communications</b> L. Salghetti Drioli	16:15 – 17:15 <b>Active instruments for Earth Observation (Altimeters)</b> L. Salghetti Drioli	16:15 – 17:15 <b>ADF/EMS software</b> A. Guidoni	16:15 – 17:00 <b>Synthesis/Course evaluation</b> L. Salghetti Drioli
	17:00 – 18:00 <b>GRASP Antenna software</b> H. H. Viskum			