

Day1 September 15 th 2025		Day 2 September 16 th 2025		Day 3 September 17 th 2025		Day 4 September 18 th 2025		Day 5 September 19 th 2025	
9:15	1. Introducing ESA ESTEC, Active Antennas, Course Organization (Giovanni Toso, Piero Angeletti, ESA-ESTEC)	9:15	6. MMIC for Active Antennas, (Frank van Vliet, TNO)	9:15	11. Broadband Arrays (Daniele Cavallo, TU Delft)	9:15	15. Active antennas for LEO Telecom Satellites and Constellations (Maria Garcia Vigueras, INSA Rennes, Esteban Menargues, Swissto12)	9:15	18. Through life Verification and Calibration of Active Antennas (Marco Lisi, Salvatore D'Addio, Piero Angeletti, ESA-ESTEC)
9:45	2. Antenna Element Technology and Modelling Methods, (Stefania Monni, TNO)	10:45	Coffee break	10:45	Coffee break	10:50	Coffee break	10:45	Coffee break
11:15	Coffee break	11:05	7. Active Antennas System Engineering in Thales Alenia Space Italy (Giovanni Gasparro, Active Antennas Systems, TAS-I)	11:05	12. Active Antenna Developments at MDA Canada (Jonathan Hill, MDA Corporation)	11:10	16. Active Antennas developments in Thales Alenia Space France (Herve Legay, TAS-France)	11:05	19. Thermal Aspects (Emmanuel Caplanne, ESA-ESTEC) OK
11:45	3. Technologies for Transmit Front-Ends (Vaclav Valenta, ESA-ESTEC)								
13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break	13:10 – 14:10	Lunch Break	12:30 – 13:30	Lunch Break
14:00	4. Payload architectures and payloads needs for Active Antennas (Salvatore D'Addio, ESA-ESTEC)	14:00	8. Active Antennas for Aeronautical Applications (Carolina Viganò, Viasat)	14:00	13. Design Tool for Next-Generation Active Antennas (Min Zhou, Erik Jorgensen, TICRA)	14:10	17. Active Antennas for Telecom Satellites (Glyn Thomas, Airbus UK)	13:30	20. Active Antennas Architectures, part II, Overlapped Subarrays and Discrete Lenses (Giovanni Toso, Piero Angeletti, ESA-ESTEC)
15:30	Coffee break	15:00	Coffee break	15:30	Coffee break	16:30	Coffee break	15:30	Closure of the Course.
15:50	5. Active Antennas Architectures, part I, Irregular Arrays and Magnified Arrays (Giovanni Toso, Piero Angeletti, ESA-ESTEC)	15:25	9. Beam Forming Networks and Digital Beam Forming (Piero Angeletti, Giovanni Toso, ESA-ESTEC)	16:00	14. Active Phased Arrays for Ground Terminals (Gabriel Rebeiz, UCSD)				Final Questionnaire (ONLINE)
17:40 – 20:30	Welcome Cocktail ESA ESTEC	17:00 – 18:00	10. Ines Barbary, Elena Saenz, Antonio Riccardi, Alexander Freyer, “Visit to the ESA Antenna Measurement Facilities”	18:30	Bus departure for the Social Dinner (19:00-23:00)				