

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	19. Through life Verification and Calibration of Active Antennas (Marco Lisi, Salvatore D'Addio, Piero Angeletti, ESA-ESTEC)
9:45	2. Payload architectures and payloads needs for Active Antennas (Salvatore D'Addio, ESA-ESTEC)	10:45	Coffee break	10:45	Coffee break	10:45	Coffee break	10:45	Coffee break
11:15	Coffee break	11:05	7. Engineering and Earth Observation Product Portfolio 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)	11:05	16. Active Phased Arrays for Ground Terminals (Gabriel Rebeiz, UCSD)	11:05	20. Thermal Aspects (Emmanuel Caplanne, ESA-ESTEC) OK
11:35	3. Antenna Element Technology and Modelling Methods, (Stefania Monni, TNO)								
13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break	12:30 – 13:30	Lunch Break
14:00	4. Technologies for Transmit Front-Ends (Vaclav Valenta, ESA-ESTEC)	14:00	8. Active Antennas for Aeronautical Applications (Carolina Vigano', Viasat)	14:00	13. Design Tool for Next-Generation Active Antennas (Min Zhou, Erik Jorgensen, TICRA)	14:00	17. Active Antennas for Telecom Satellites (Glyn Thomas, Airbus UK)	13:30	21. Active Antennas Architectures, part II, Overlapped Subarrays and Discrete Lenses (Giovanni Toso, Piero Angeletti, ESA-ESTEC)
15:30	Coffee break	15:15	Coffee break	15:30	Coffee break	15:50	Coffee break	15:15	22. Final Questionnaire
15:50	5. Active Antennas Architectures, part I, Irregular Arrays and Magnified Arrays (Giovanni Toso, Piero Angeletti, ESA-ESTEC)	15:45	9. Overview of Adaptive Array Processing Techniques for Radars, History, Theoretical Foundations and Applications (Alfonso Farina, Selex ES (retired))	16:00	14. Beam Forming Networks and Digital Beam Forming (Piero Angeletti, Giovanni Toso, ESA-ESTEC)	16:10	18. Active Antennas developments in Thales Alenia Space France (Herve Legay, TAS-France)	17:30	Closure of the Course.
17:40 – 20:30	Welcome Cocktail ESA ESTEC	17:15 – 18:30	10. Ines Barbary, Elena Saenz ESA Antenna Measurements Facilities	17:45 – 22:30	Social Dinner				