

NAVISP Element 1 Final Presentation

EL1-081 “High-Speed Electric-Optic Modulation with Lithium Niobate on a Silicon Photonic Platform”

25th November 2025, 15:00 – 16:30 CET



Time	Topic	Speaker
15:00-15:05	Welcome	Stefano Binda ESA NAVISP Element 1 Manager
15:05-15:10	Project Introduction	Eamonn Murphy Technical Officer, ESA
15:10-16:00	Project Implementation and Results: <ul style="list-style-type: none"> • Introduction to the project • Use cases Trade-Off and Selection • Demonstrator Design Verification and Validation • Conclusion • Next steps 	Bart Kuyken Project lead, IMEC & Ugent, Bart.Kuyken@ugent.be Tom Vanackere Design Lead, IMEC & UGent, Tom.Vanackere@ugent.be Arno Moerman RF design and characterization, IMEC & Ugent, Arno.Moerman@ugent.be
16:00-16:30	Question and Answers	<u>Moderator:</u> Eamonn Murphy Technical Officer, ESA