

# NAVISP Element 1 Final Presentation

EL1-088 “PROOF-OF-CONCEPT OF ADVANCED NAVIGATION ALGORITHMS BASED ON FACTOR GRAPH OPTIMIZATION”  
8<sup>th</sup> April 2026, 10:00 – 11:30 CET



Time	Topic	Speaker
10:00-10:05	Welcome	<b>Stefano Binda</b> ESA NAVISP Element 1 Manager
10:05-10:10	Project Introduction	<b>Gianluca Caparra</b> Technical Officer, ESA
10:10-11:00	Project Implementation and Results: <ul style="list-style-type: none"> <li>• Introduction to the project</li> <li>• Use cases Trade-Off and Selection</li> <li>• Demonstrator Design Verification and Validation</li> <li>• Conclusion</li> <li>• Next steps</li> </ul>	<b>Tuoi Vo-Rattigan,</b> Technical Specialist AI Algorithms, JLR <b>Chandra Prakash Singh</b> Senior Engineer AI/ML, JLR <b>Aman Singhal</b> Engineer AI/ML, JLR <b>Avirup Chakraborty</b> Engineer AI/ML, JLR
11:00-11:30	Question and Answers	<u>Moderator:</u> <b>Gianluca Caparra</b> Technical Officer, ESA