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## CLUG FINAL EVENT – Online Webinar

June 9<sup>th</sup> 2022 – starting at 9am CEST

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09:00-09:05	<b>General welcome</b> , information regarding Q&A tool and overview of event agenda by moderators' team
09:05-09:20	<b>Welcome address</b> by Annika Hundertmark, Head of Railway Digitalization at Deutsche Bahn
09:20-09:30	<b>EUSPA strategy for rail</b> by Daniel Lopour, CLUG Project Officer at European Union Agency for Space Applications
09:30-09:45	<b>Introduction to CLUG project: Technical objectives and challenges</b> by Valentin Barreau, CLUG Project Coordinator and Localisation project manager at Société Nationale des Chemins de Fer français
09:45-10:05	Q&A Session #1
10:05-10:20	<b>Localisation needs of the Railways and System requirements</b> by Muthukumar Kumar, CLUG Technical Manager and System Architect at Deutsche Bahn
10:20-10:30	<b>CLUG architecture and interfaces</b> by Sebastian Ohrendorf-Weiss, Localisation Project Manager, Swiss Federal Railway
10:30-10:50	<b>Localisation system design</b> by Arnault Sfeir, CLUG WP3 Lead and Advanced projects in Navigation space and ground segments at Airbus and Michael Jüttner, Chief Operating Officer at Naventik
10:50-11:10	Q&A Session #2
<b>11:10-11:25</b>	<b>Short Break</b>

11:25-11:35	<b>EGNOS use for rail safe localisation</b> by Pierrick Grandjean, Head of Navigation proposals and studies France at Airbus Defence and Space
11:35-11:45	<b>Digital maps for failsafe localisation</b> by Henning Nitzschke, Product Owner, Digital maps at Deutsche Bahn
11:45-12:05	<b>Performance and safety analysis</b> by Pierrick Grandjean, Head of Navigation proposals and studies France at Airbus Defence and Space
12:05-12:30	Q&A Session #3
<b>12:30-13:30</b>	<b>Lunch Break</b>
13:30-13:50	<b>Data collection and processing</b> by Bernhard Stamm, CLUG WP4 Lead and Senior Key Expert at Siemens Mobility and Paul Fritsche, Localisation Expert at Deutsche Bahn
13:50-14:10	<b>Test results and performance evaluation</b> by Bernhard Stamm, CLUG WP4 Lead and Senior Key Expert at Siemens Mobility
14:10-14:25	Q&A Session #4
14:25-14:35	<b>Toward certification</b> by Sravan Machiraju, Technical certifier at NavCert
14:35-14:50	<b>CLUG project summary, achievements and issues for future investigation</b> by Valentin Barreau, CLUG Project Coordinator and Muthukumar Kumar, CLUG Technical Manager
14:50-15:00	<b>Roadmap for the future</b> by Dirk Spiegel, Technical Lead for Development of fully automated driving at Deutsche Bahn
15:00-15:20	Q&A Session #5
15:20-15:25	<b>Closing remarks</b> by CLUG Project Officer at European Union Agency for Space Applications
15:25-15:30	<b>Thank you and event close</b> by Dirk Spiegel, Technical Lead for Development of fully automated driving at Deutsche Bahn and moderators' team