

Workshop on GNSS for the ERTMS and Connected Cars

Synergies and Osmosis of Technologies

The contribution of the HELMET project



Roma Tre University Via Vito Volterra, 62 Rome
12 December 2022

| Time | Topic |
|----------------------|---|
| 9:30 – 13:00 | Morning Session: The role of the stakeholders |
| 9:30 – 9:45 | Welcome address: Prof. Alessandro Neri, Vice Rector for Innovation and Technology Transfer of Roma Tre University, Anna Masutti – President RFI, Daniel Lopour – Market Development Officer EUSPA |
| 9:45 – 10:15 | Accelerated ERTMS Plan in Italy: Fabio Senesi – Senior Manager – Head ERTMS Plan - RFI |
| 10:15 – 10:30 | Lessons learned on GNSS applications in the transport sector: Carlo des Dorides – former Executive Director EUSPA |
| 10:30 – 10:45 | A regulatory framework for introducing innovations in the rail ecosystem: Jo De Bosschere – Head of Unit ERTMS and Telematics ERA |
| 10:45 – 11:15 | Coffee Break |
| 11:15 – 11:30 | The role of the Italian government agency for rail safety Giulio Margarita – ANSFISA |
| 11:30 – 11:45 | Rail&Roads Synergies And Cross Benefits: Massimiliano Ciaffi - RFI |
| 11:45 – 12:00 | National contributions to foster European plans: Alberto Tuozzi - Head of EU and EU Member States Relations Unit ASI |
| 12:00 – 12:15 | Innovative solutions for the mobility: Benedetto Carambia - Movyon |
| 12:15 – 12:30 | The case of Smart Roads: Luigi Carrarini, Project manager Smart Road - ANAS |
| 12:30 – 12:45 | Opportunities and next steps towards EU Space adoption: Daniel Lopour, EUSPA |
| 12:45 – 13:00 | The vision from the rail users: Gabriele Ridolfi, ERTMS User Group |
| | Lunch |
| 14:00 – 18:00 | Afternoon Session: The contribution of HELMET |
| 14:00 – 14:15 | HELMET overview: Prof. Alessandro Neri – HELMET Scientific Coordinator, Arianna Persia - HELMET project manager, Radiolabs |
| 14:15 – 14:30 | Project requirements and results: Arianna Persia - HELMET project manager, Prof. Alessandro Neri – HELMET Scientific Coordinator, Radiolabs |
| 14:30 – 14:50 | Harmonization of Rail and Road Requirements, Prof. Ales Filip - University of Pardubice, CR |
| 14:50 – 15:10 | The multi-modal Augmentation network: Roberto Capua, SOGEI |
| 15:10 – 15:30 | Multi-sensor Architecture Design: Omar Garcia Crespillo, DLR |
| 15:30 – 15:50 | Automotive MOBU Performance Assessment: Anja Grosch, DLR |
| 15:50 – 16:10 | Rail MOBU Performance Assessment: Sandro Chiocchio, Radiolabs |
| | Coffee break |
| 16:30 – 17:00 | Assessment and Future prospects: Sam Pullen - University of Stanford |
| 17:00 – 17:30 | Q&A |
| 17:30 – 18:00 | Questions & Conclusions: Francesco Rispoli – Director General Radiolabs |