

Press release:

**The 6<sup>th</sup> SmartRaCon Scientific Seminar honours three scientists for outstanding contributions and a project for its support.**

The Smart Rail Control Consortium (SmartRaCon) consisting of CEIT (ES), DLR (GE), RISE (SE), SINTEF (NO), University Gustave Eiffel – UGE (FR) and Road and Bridge Research Institute- IBDiM(PL) have organised the 6<sup>th</sup> SmartRaCon Scientific Seminar last 23<sup>rd</sup> and 24<sup>th</sup> October in San Sebastian hosted by CEIT. The event lasted 2 days hybrid event where 3 Keynote presentations, 7 PhD presentations, 13 Project Presentations and 10 Posters from 10 different Europe's Rail projects had been presented by 28 Presenters from 16 Presenting entities

As a final highlight of the 2 days event, three scientists and a project were awarded for their outstanding contributions to the seminar:

- **Best PhD contribution:** David Kule Mukuhi (UGE), NG-TCN: Towards Network Slicing in on-board Wireless Train communication networks  
Finalist: Imanol Bravo (CEIT), Rail Fasteners Looseness Detection by Analysing Real and Synthetic Axle-Box Acceleration Data: A Dual Approach
- **Best Project contribution:** Niloofar Minbashi (KTH) An Integrated ETD Prediction System for Yards and Terminals  
Finalist: Aria Mirzai (RISE) Cybersecurity Risk Assessment of Virtually Coupled Train Sets
- **Best Poster contribution:** Melissa Tijink (Uni. Twente), What id the code of this wagon?  
Finalist: Itziar Ruiz (CEIT), Repair of wheel and rails by additive manufacturing
- **Most supportive project:** FP2-R2DATO  
Finalists: FP3-iam4Rail and FP5-TRANS4M-R

After the five SmartRaCon Scientific Seminars in the frame of Shift2Rail, closely linked to the projects X2Rail-1 to X2Rail-5, where deep insights into the scientific achievements which are improving the railways in Europe were given with more than 50 scientific contributions organised in France, Germany and Spain. It was. This time the scope covered all Europe's Rail projects requiring to extend the event from a single day to a two days event with the novelty of the PhD sessions where fruitful technical discussions where carried out.

The proceedings of the 6<sup>th</sup> SmartRaCon Scientific Seminar can be found here <https://smartracon.github.io/2024/>

Text for Social Media:

The SmartRaCon Consortium honours three scientists and a project for outstanding contributions in the frame of @EURail\_JU:

- **Best PhD contribution:** David Kule Mukuhi (UGE), NG-TCN: Towards Network Slicing in on-board Wireless Train communication networks
- **Best Project contribution:** Niloofar Minbashi (KTH) An Integrated ETD Prediction System for Yards and Terminals  
Finalist: Itziar Ruiz (CEIT), Repair of wheel and rails by additive manufacturing

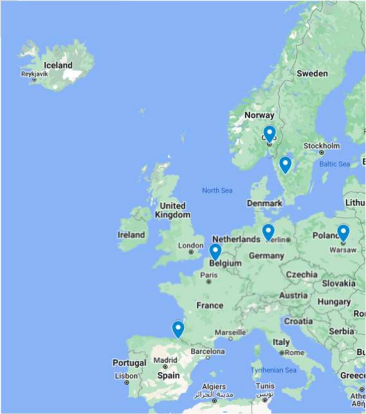
- **Most supportive project:** FP2-R2DATO

At the sixth SmartRaCon Seminar in San Sebastian hosted by CEIT, more than 30 scientific contributions in relation to the Projects FP1-MOTIONAL, FP2-R2DATO, FP3-iam4Rail, FP5-TRANS4M-R, FP6-Future, FA7-MaDe4Rail, FA7-pods4RAIL, Academics4Rail and ESEP4Freight were presented and new and on-going rail research were discussed. It was organized by the SmartRaCon Consortium consisting of @Ceit\_BRTA, @DLR\_en, @SINTEF, @RISEsweden, @UGustaveEiffel and @ibdim\_

#rail #Europe's Rail #research #SmartRaCon

# 6th SmartRaCon

## Scientific Seminar





2 Days hybrid event

3 Keynote presentations

7 PhD presentations

13 Project Presentations

10 Posters

28 Presenters

16 Presenting entities

10 Projects