

Presented by

MIRCO GONNELLI / FLORENCE

EUGENIO FEDELI / ROME

ERMANNO GASPERINI / ROME

CLAUDIO TERZI / ROME



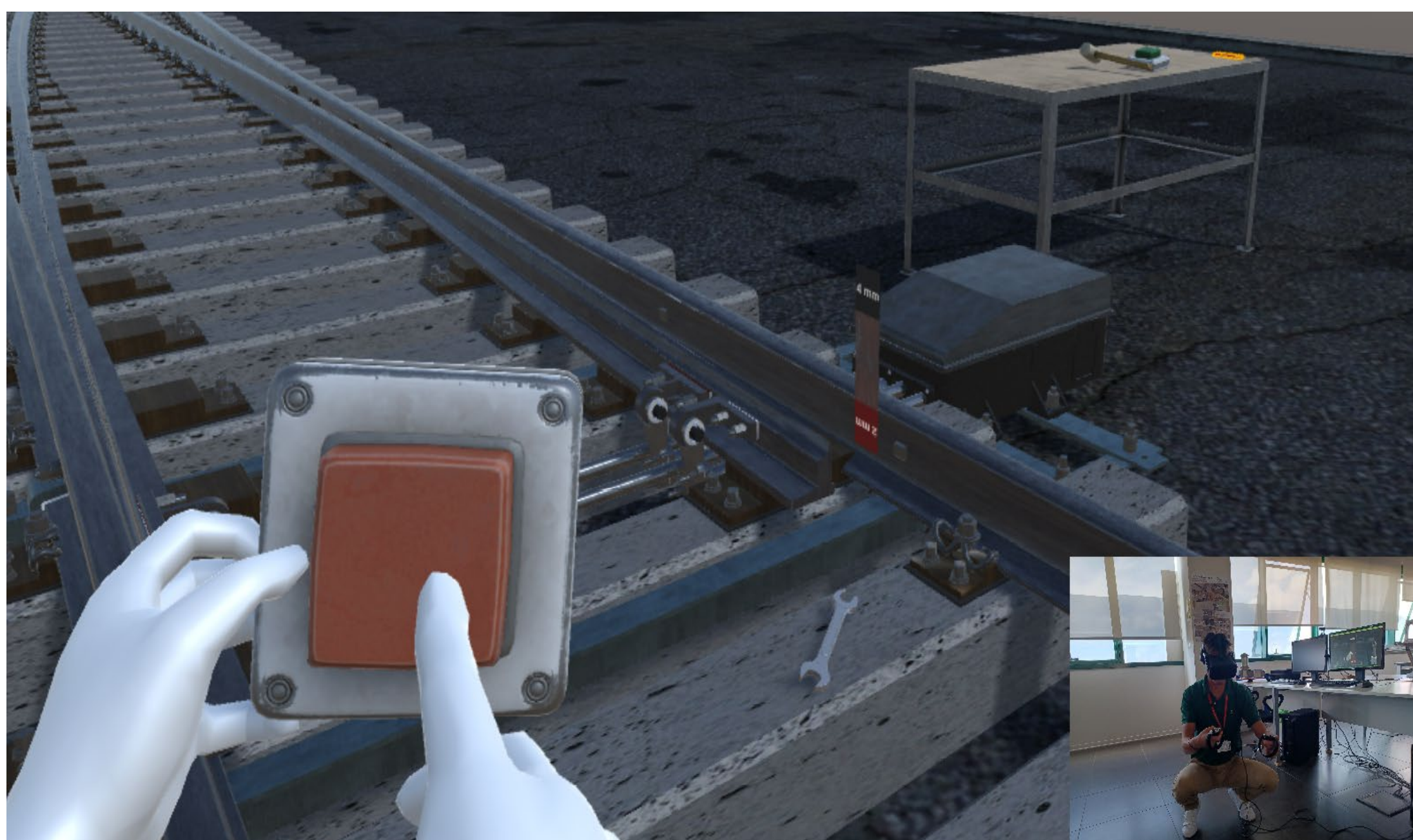
DIGITAL CLASSROOM

SMART DISTANCE LEARNING

VIRTUAL REALITY

AUGMENTED REALITY

ELECTRONIC WORKER FILE



m.gonnelli@rfi.it / +393138003091

IRSC 2022

INTERNATIONAL RAILWAY SAFETY COUNCIL

SEVILLA, OCTOBER 16-21, 2022



Presented by

MIRCO GONNELLI / FLORENCE
EUGENIO FEDELI / ROME
ERMANNIO GASPERINI / ROME
CLAUDIO TERZI / ROME



DIGITAL CLASSROOM

SMART DISTANCE LEARNING

VIRTUAL REALITY

AUGMENTED REALITY

ELECTRONIC WORKER FILE

INNOVATIVE PERSONNEL TRAINING IN VIRTUAL REALITY

Rete Ferroviaria Italiana is working for the creation of a scalable and integrable VR platform suitable for staff training, to be adopted in classrooms of most departments support training activities in the whole company, in order to make personnel training more effective, in particular on aspects related to operational safety and maintenance of critical parts.

This project is part of a broader context of "Digital classroom for staff training in the environment VR/AR" (so called «Smart Learning») aiming at the virtualization of each technical headquarter, in order to make for each one a digital twin available for use during staff training sessions in a distance learning smart environment.

By virtualizing the system through a distributed information management, the aim is to be able to create an Electronic Work File containing the personal history of the employee's training, his/her specific training needs and the expertise reached. Finally, the generation of an enabling license by means of a trusted and certified system that is based on a blockchain network, thus allowing for traceability, availability, integrity and security of data.



m.gonnelli@rfi.it / +393138003091

IRSC 2022

INTERNATIONAL RAILWAY SAFETY COUNCIL
SEVILLA, OCTOBER 16-21, 2022