MINIMA

MItigating the Negative Impacts of Monitoring high levels of Automation

Project Status & News

Mid Term review

On **March 21st** the Project Partners met the Project Officer and the SJU staff at SESAR JU facilities in Brussels to present the work performed by the team during the first year of the project. The project has been analysed in its progress and all the activities have been assessed as successfully meeting the plan.

State of the Art

On **January 13th** the D1.2 (Concept Description) has been submitted. In this document the consortium has described its strategy on how to detect the OOL phenomena and how to mitigate them. This document has been the guideline for the development of the Task Environment and the Vigilance and Attention Observer during the development phase and will also be an input for the planning of the evaluation phase.

Integration at the University of Bologna

On **May 30th** MINIMA's team members met in Forli for the first Technical Integration Meeting at the Virtual Reality Lab of the University of Bologna. The preliminary Task Environment Developed by DLR has been successfully integrated into the MINIMA Experimental Working Position.

Project Facts

The Horizon 2020 SESAR project MINIMA (MItigating Negative Impacts of Monitoring high levels of Automation) is funded by SESAR Joint Undertaking and will help to understand and mitigate OOL phenomena of air traffic controllers in highly automated environments, especially Terminal Manoeuvring Areas (TMA). MINIMA covers a 24 months period starting on May 1st 2016.

Events

MINIMA in MADRID - WORLD ATM CONGRESS 2017

On **March 9th** MINIMA has participated in the Workshop: **SESAR 2020 Exploratory Research: Human Factors supporting Automation in ATM**. Several SESAR 2020 Exploratory Research dealing with Human factors in automation (AUTOPACE, STRESS, MINIMA, TaCo, AGENT, RETINA, MOTO and PACAS) discussed together on the commonalities and on the challenges on this topic.

MINIMA at the HCI International 2017

A paper has been accepted for presentation and publication at the **HCI International 2017 (19th International Conference on Human-Computer Interaction)** which was held in Vancouver from 9-14 July. Bruno Berberian (ONERA) represented the consortium and gave the talk.

Berberian, B., Ohneiser, O., De Crescenzio, F., Babiloni, F., Di Flumeri, G., & Hasselberg, A. (2017, July). MINIMA Project: Detecting and MItigating the Negative Impact of Automation. In 14th International Conference on Engineering Psychology and Cognitive Ergonomics (pp. 87-105). Springer, Cham. Automation

MINIMA Consortium

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