RE:LAB | The Interaction Engineering Company

Cruscotti

The RE:LAB newsletter

ISSUE #16

DRIVING MONITORING

Enhancing Road Safety

A Deep Dive into Next Perception's Automotive Use Case

Next Perception UC2 Team

The main goal of the Automotive Use Case of Next Perception is to develop a driver monitoring system, which is able to understand the visual and cognitive distraction and emotional state of the driver. We implemented different kinds of sensors and processing modules on the driving simulator, in order to understand the driver's status.

Read the full article

SAFETY & DRIVING

Behind the Wheel Insights

NextPerception's Impact on Road Safety and Driver Well-being

Next Perception UC2 Team

It's a fact that most road accidents result from driver errors. According to the National Highway Traffic Safety Administration (NHTSA), Over 90% of all accidents are caused by human error. These errors include various factors such as distracted driving, drowsiness, and impaired driving, among others. However, the spectrum of driver mistakes extends beyond these evident examples to involve other behaviours and conditions that lead to misjudgements and decisions, resulting in accidents.

Read the full article

INNOVATION

Navigating Innovation Narratives

Unveiling perspectives within and beyond the innovation process

Roberto Montanari

In In exploring the innovation process, considering innovation as a text provides a compelling perspective. This conceptualisation goes beyond written words, extending to diverse elements of the textuality domain as multimedia and digital landscape (Bettetini 1987), culture (Lotman 2001) or social context (Ferraro 2012). This approach enriches our understanding of innovation by examining its purpose, nature, methodology, and contributors in a way that is intended to be original.

The justification for viewing innovation as a text is deeply rooted in understanding its operational framework. For this reason, three sub-levels are introduced. the epistemic, the diegetic, and the systemic level.

Read the full article

Cos'è Cruscotti?

CRUSCOTTI è la newsletter di **RE:LAB**, un contenitore di articoli sull'innovazione nel campo della Human Machine Interface, a cui guardiamo dal punto di vista della progettazione, dello sviluppo tecnologico e della user experience.

La newsletter avrà un invio periodico e si potranno recuperare tutti gli articoli nella sezione Cruscotti del sito web di **RE:LAB**.

A presto con il prossimo numero.

Leggi gli articoli precedenti

Impatto Etico, Regolatorio e Medico-Legale dell'Intelligenza Artificiale in Sanità

Tra ermeneutica e quantificazione

Intelligenza artificiale in ambito medico

Vedi tutti

re-lab.it

© 2024 RE:Lab SRL. All rights reserved.
Do you no longer want to receive these emails?

klaviyo