

RESCUER

1ST POST PILOT WEBINAR

29.11.2023 | 11:00 - 13:00 CET

11:00am Welcome speech and introductions

11:10am Augmenting FRs' senses tools

Robust vision
RESCUER-CERTH
Dr. Kostis Konstadoudakis

Signs of Life
RESCUER - UniWA
Dr. Dimitrios Uzunidis

Radar sensing and
remote touching
RESCUER-UniWA
Dr. Panagiotis Kasnesis

Six Gas HazMat Monitor
SnR - UNICA Technologies
Dr. Giulia Sedda

Radiation sensors
SnR - UNICA Technologies
Dr. Giulia Sedda

11:25am Localization & communication tools

AdHoc Network tool
RESCUER-INOV
Nelson Pimenta

Accurate Self-Localization
under different conditions in
Rescuer Operations
RESCUER-UoG
Assoc. Prof. Georgia Sakellari

11:30am Perception tools

HoloLens2 Augmented
Reality Interface
RESCUER - CS Group
Yana Lazarova

K9 Behaviour Recognition
FASTER - UniWA
Christos Chatzigeorgiou



<https://rescuerproject.eu>

RESCUER

Smart Helmet Augmented Reality Interface
RESCUER – VICOM
Dr Xabier Oregui Biain

Electrotactile feedback system for augmented situational awareness
SIXTHSENSE – TECNALIA
Dr. Milos Kostic

Smart Textiles Framework
FASTER UniWA
Christos Chatzigeorgiou

Wearable Electrocardiogram (ECG) and Electromyogram (EMG)
SnR – UNICA Technologies
Dr. Giulia Sedda

11:45am Enabling and support tools

Biosignals Cognitive Load Balancing tool
RESCUER – UPM
Verónica Ruiz

Drones for mapping and delivery of emergency supplies
FASTER – CERTH
Dr.Kostis Konstantoudakis

Integrated platform for safe exploration of buildings & advanced doctrine-based decision support
INTREPID – CS Group
Rozenn MARECHAL

Data sharing orchestration.
RESCUER – UoG
Assoc. Prof. Georgia Sakellari

Information prioritization
RESCUER – ENG
Mr. Philip Wright & Mr Ilmija Asani

iISAFETY
VALKYRIES – INDRA
MHernando Reyes

12:00pm
-
13:00pm

Discussion



<https://rescuerproject.eu>