

TRADR Technology Day

Robotics and AI technology Use in Disaster Response

TRADR develops technology for human-robot teams to assist in disaster response efforts over multiple missions.

"In this way, TRADR also enables the users to actively experience this technology and to become aware of its potential and current limitations, to in the end facilitate its uptake. During the day we show the project achievements and share insights gained so far, including the experience from the [TRADR deployment in Amatrice](#), Italy, shortly after the earthquake, and discuss future developments. The day is intended for a broad range of stakeholders including industry developing technology for robot-assisted disaster response and similar applications as well as the users of the technology such as rescuers and other responders."

Friday 4th November

Venue: Power Plant Knepper, Langenacker, 44357 Dortmund, Germany

09.30 – 10.00	Registration and welcome coffee	
10.00 – 10.30	Opening remarks by Dortmund Fire Department	Dr. Hauke Speth, Head of Training Dept & Institute for Fire and Rescue Technology at City of Dortmund Fire Dept.
10.30 – 11.00	TRADR Project Overview	Ivana Kruijff-Korbayová, German Research Centre for Artificial Intelligence, DFKI GmbH
11.00 – 12.00	Demonstration of the TRADR system with focus on: <ul style="list-style-type: none"> • tele-operated, assisted, and autonomous control of ground robots • sample-taking of potential hazardous substances with a robotic arm • systematic image capturing with aerial robots • (semi-)automatic creation of 3D models in a disaster area • collaboration between different robots • advanced support of human robot interaction • visual assistance for the prioritisation of goals 	TRADR partners
12.00 – 12.30	Lunch	
12.30 – 13.00	Poster session on research and development topics, in TRADR	TRADR partners
13.00 – 14.30	Round Table: End-User Perspective on Disaster Response Robotics	Emanuele Gissi , Ministero dell'Interno, Corpo nazionale dei Vigili del fuoco, Roma

		Guido van den Broek Humphrey , Gezamenlijke Brandweer
14.30 – 15.00	Coffee Break and networking	
15.00	Press	
16.00	End of the Day	