

# TRADR Technology Day

## Robotics and AI technology Use in Disaster Response

**Friday 17th November**

**Venue:** Congrescentrum, Heijplaatstraat 17-23, 3089 JB Rotterdam, The Netherlands

**TRADR** develops technology for human-robot teams to assist in disaster response, using ground and air robots, in realistic missions spanning multiple days. We address a range of issues, from motion, navigation and mapping in complex changing environments, to human-robot team mission management support. First responders from the Italian Firecorps, the Firebrigade of the City of Dortmund in Germany and Gezamenlijke Brandweer in the Netherlands, are involved in the TRADR development cycle, from design to prototype testing. They provide input and feedback, experience the technology and become aware of its potential and current limitations, to in the end facilitate its uptake.

<b>9:30 – 10:00</b>	Registration and welcome coffee		Foyer
<b>10:00 – 10:05</b>	Welcome		Aula
<b>10:05 - 10:30</b>	TRADR project overview	I. Kruijff-Korbayová	
<b>10:30 – 12:00</b>	Robots in use: End-user experiences		
	Dutch firebrigade:	<b>Martijn Zagwijn</b> , Fireregion Twente, NL	
	Italian firebrigade:	<b>tbc</b> , Vigili del Fuoco, Italy	
	German firebrigade:	<b>Hauke Speth</b> , Feuerwehr Dortmund, Germany	
<b>12:00 - 13:00</b>	<b>Lunch and poster session</b>		Foyer
<b>12:50</b>	Group 1 departure by bus to demo site		
<b>13:00 – 14:00</b>	<b>Parallel sessions:</b> Group 1: TRADR system demonstration Group 2 : Discussion		Deltalings training plant Conference room
<b>13:50</b>	Group 2 departure by bus to demo site		
<b>14:00 – 15:00</b>	<b>Parallel sessions:</b> Group 1: Discussion Group 2: TRADR system demonstration		Conference room Deltalings training plant
<b>15:15</b>	Closing remarks		Aula
<b>15:30</b>	<b>Drinks, snacks and farewell</b>		Foyer
<b>16:00</b>	End of the day		