

# Do a Bachelor's or Master's project with TRADR at TU Delft

<http://www.tradr-project.eu>



Are you looking for an interesting Bachelor's or Master's project in the areas of **human-computer interaction, team decision support systems, search and rescue ontology engineering or automated reasoning for role and task allocation?**



We are looking for students to do their project with TRADR. The TRADR project is a European collaboration between 8 different universities on the topic of search & rescue robots. At Delft we are developing an agent-based system to enable robots (ground and air) to operate in a team of human firefighters during search & rescue missions. This requires the development of a team-decision support framework to provide automated reasoning about roles, tasks and goal setting. Additionally, we are developing an adaptive user interface which supports coordination of teamwork between humans and robots, provides tactical information and can be operated by firefighters in the field (e.g. through tablet/smartphone).

## Practical:

- start from January 2015 onwards, duration 3-12 months, depending on your study requirements
- based at TU Delft, possible collaboration with TNO Soesterberg
- output: BSc/MSc thesis, software prototype, technical report

## Interested, questions? Contact us!

Joachim de Greeff  
[J.deGreeff@tudelft.nl](mailto:J.deGreeff@tudelft.nl)

Koen Hindriks  
[K.V.Hindriks@tudelft.nl](mailto:K.V.Hindriks@tudelft.nl)

Mark Neerincx  
[mark.neerincx@tno.nl](mailto:mark.neerincx@tno.nl)

Interactive Intelligence Group  
Department of Intelligent Systems  
Delft University of Technology

Perceptual and Cognitive Systems  
TNO, Soesterberg