

## **(Social) Robotics for the Dutch Police**

### *Supervisors:*

*Dr. Willem-Paul Brinkman, Dr. Merijn Bruijnes (TUDelft)*

*Contact: [m.bruijnes@tudelft.nl](mailto:m.bruijnes@tudelft.nl)*

### *External supervisors:*

*Robbert Rietveld, Roel Jacobs (Nationale Politie)*



Together with the Dutch National Police and a number of other knowledge institutes a task force is set up to explore future use of robotic technology in police front- and back-office work as well as robotics in operational policing. This 'Meet The Robots'- initiative explores the opportunities, design of application scenarios, and future casting of the role of the police in relation to robots. This project is a collaboration between the University of Twente, TNO and the TUDelft. Contact point at Dutch Police is Robbert Rietveld Wunderink.

The student will talk to police officers from various operations to find application areas where a robot can aid the police in the tasks they need to perform. The student will choose one such application and build a prototype of a robot, for example focusing on conversational systems, social signal processing, or intelligent interaction design. Possible robotic platforms include the NAO and/or the Pepper [SoftBank Robotics](#) (previously [Aldebaran Robotics](#)). Finally, the student will evaluate their prototype on-site with real users from the police or public.

Notice that for this assignment a security screening is necessary which can take up to 6 weeks and is feasible only for EU member state citizens.