

ELROB 2020

17 - 21 August 2020

Trier, Germany

Team Information

Picture of vehicle:



Name of vehicle:

Tor

Picture of team leader:



Name of team leader:

Kim Mathiassen

Team Name:

FFI

Team E-mail:

kma@ffi.no

Logo:

FFI Forsvarets
forskningsinstitutt
Norwegian Defence Research Establishment

Return form to: elrob@fkie.fraunhofer.de

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17 - 21 August 2020

Trier, Germany

Team Information

Website: www.ffi.no
Location: Kjeller, Norway
Institution/Company: Norwegian Defence Research Establishment (FFI)
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Telephone: +47 63 80 70 70 (FFI) / +47 95 79 11 01 (Team leader)
Fax:
Team Description: The Norwegian Defence Research Establishment (FFI) is the prime institution responsible for defence-related research in Norway. The FFI team consists of researcher from two projects at FFI; Unmanned vehicles technology project and Autonomy project. The team has modified a Milrem Themis platform and added cameras and Lidar for perception and GNSS and IMU for localization. A autonomy framework has been implemented on the vehicle, and includes trajectory tracking, motion planning, decision making, perception, localization and planning.

Sponsors:

Selection of scenario:

- ☐ Convoying (transport with two vehicles)
- ☒ Mule (shuttle between two locations)
- ☒ Intelligent Reconnaissance and Surveillance (non-urban, build photorealistic 3D world model, find objects of potential interest)
- ☐ Freestyle (e.g. Search & Rescue, MedEvac/CasEvac, Mobile Manipulation, etc.)
- ☐ Reconnaissance and disposal of bombs and explosive devices (EOD/IED) – **for professionals only!**

Proof of citizenship:: A copy of team leader passport will do (will not be published)!

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