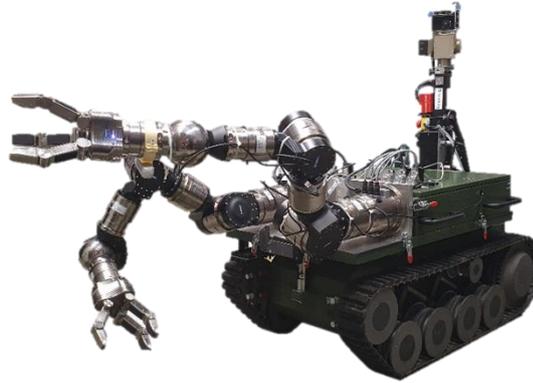


EnRich 2023

Team Information

12 – 16 June 2023, Zwentendorf, Austria

Picture of vehicle:



Name of vehicle:

Dualarm-Magni

Picture of team leader:



Name of team leader:

Boris Illing

Team Name:

Team FKIE

Team E-mail:

boris.illing@fkie.fraunhofer.de

Logo:



Website:

<https://www.fkie.fraunhofer.de/de/forschungsabteilungen/cms.html>

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EnRich 2023

Team Information

12 – 16 June 2023, Zwentendorf, Austria

Team Description:

Team FKIE focuses on research that makes UGV abilities accessible, even for untrained operators. Therefore, we need two components: intuitive Human-Robot-Interfaces and intelligent assistant functions. This facilitates the direct interaction between human and unmanned systems while certain kinds of tasks can be automated but keep the human in the loop.

Relevant topics include developing semi-autonomous grasping methods and creating detailed maps in real-time from 3D or CBRN sensors to enhance the localization of the UGV and the situational awareness of the operator.

Sponsors:

Selection of scenario:

- 3D Mapping
- Radiation Mapping
- UAV mapping
- Manipulation
- Search and Rescue

Proof of citizenship: A copy of team leader passport will do (will not be published)

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