

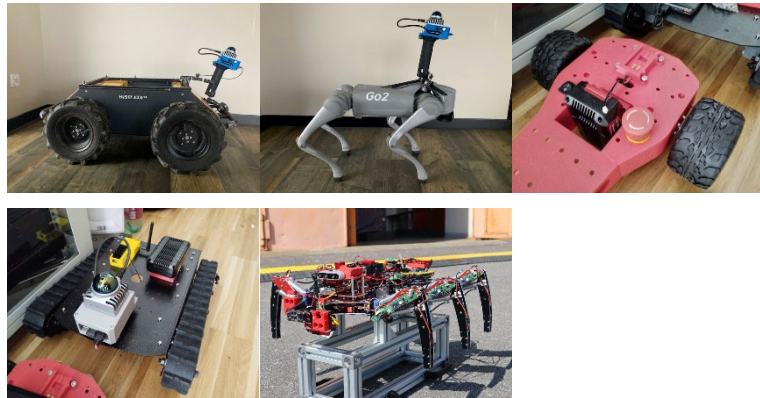
ELROB 2024

24 – 28 June 2024

Trier, Germany

Team Information

Picture of vehicle:



Name of vehicle(s):

Husky, Unitree Go2, T07 Double, T07 Tracker, L4XZ

Picture of team leader:



Name of team leader:

Janusz Bedkowski

Team Name:

MSAS

Team E-mail:

januszbedkowski@gmail.com

alexander.entinger@lxrobotics.com

Logo:

Website:

<https://mandalarobotics.com/>

<https://www.lxrobotics.com/>

<https://107-systems.org/>

Location:

Poland, Germany, Austria

Institution/Company:

Mandala Robotics, LXRobotics

Address:

Telephone:

Return form to: elrob@fkie.fraunhofer.de

ELROB 2024

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Trier, Germany

Team Information

Fax:

Team Description:

MSAS is a multi-national group dedicated to developing open-software affordable robotic systems
[https://www.softxjournal.com/article/S2352-7110\(23\)00314-X/pdf](https://www.softxjournal.com/article/S2352-7110(23)00314-X/pdf).

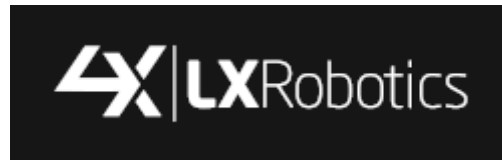
We are focused on LiDAR based navigation and mapping. Our robots have Raspberry Pi 4B on board.

Sponsors:

[Mandala Robotics](#)



[LXRobotics GmbH](#)



Selection of scenario:

- Reconnoitring of structures (3D mapping & find OPIs)
- Mule (shuttle between two locations)
- Convoying (transport with two vehicles)
- Search & Rescue (SAR) / CasEvac (find and drag a dummy body)
- 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A copy of team leader passport will do (will not be published)!

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