

# ELROB 2016

20 - 24 June 2016

Eggendorf, Austria

## Team Information

Picture of vehicle:



Name of vehicle:

MSAS

Picture of team leader:



Name of team leader:

Janusz Będkowski

Team Name:

IMM-MSAS

Team E-mail:

januszbedkowski@gmail.com

Logo:



Website:

<http://lider.zms.imm.org.pl>

Location:

Warsaw

Institution/Company:

Institute of Mathematical Machines

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**Return form to: [elrob@elrob.org](mailto:elrob@elrob.org)**

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## Team Information

Team Description:

Our team is working on autonomous mobile mapping system. Our goal is to provide accurate 3D maps in real time. We are focused on parallel implementation of 6DSLAM integrated with ROS (Robot Operating System). Our platform is Husky from ClearPath robotics equipped with 3D measurement unit provided by MANDALA.

Sponsors:

MANDALA ([www.mandalarobotics.com](http://www.mandalarobotics.com))

Selection of scenario:

- Reconnoitring of structures (focus on radiological and nuclear measuring and mapping)
- Mule (shuttle between two locations)
- Movements / Convoying (transport with two vehicles)
- Search & Rescue (SAR) / MedEvac (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A copy of team leader passport will do (will not be published)!

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