

ELROB 2022

30 May - 3 June 2022

Eggendorf, Austria

Team Information

Picture of vehicle:



Name of vehicle:

Hexsoon 450

Picture of team leader:



Name of team leader:

Callum Rhodes

Team Name:

LUCAS

Team E-mail:

c.rhodes@lboro.ac.uk

Logo:



Website:

<http://www.lucasresearch.co.uk/>

Location:

Loughborough, UK

Institution/Company:

Loughborough University

Return form to: elrob@fkie.fraunhofer.de

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Team Information

Address:

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Loughborough
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Telephone:

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Team Description:

Loughborough University Centre for Autonomous Systems (LUCAS) is a specialised research group, focusing on research in aerospace control. Comprised of both students and research professionals, LUCAS has strong links to many industrial partners and primarily works on research for unmanned applications. In addition to industry backed research, a large part of LUCAS is post graduate study, allowing for investigation into areas not currently commercially explored.

Sponsors:

Selection of scenario:

- Reconnoitring of structures (3D mapping & find simulated radiation & chemical sources)
- 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!**)

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