

Wireless Communications, Networking and Information Theory Competition

News story

£500,000 available for innovation to boost UK wireless communications capability in Information Advantage challenge



The Defence and Security Accelerator (DASA) is looking for innovations to deliver information exchange capabilities that are resilient in a highly-dynamic operating environment where there are significant challenges from congestion and contention, such as jamming.

The [Wireless Communications, Networking and Information Theory Competition](#) is interested in ideas in the following areas:

- novel communication techniques
- novel coding and modulation
- novel networking techniques

On behalf of the Defence Science and Technology Laboratory (Dstl) there is £500k available for this DASA competition, with the expectation that between 5 to 10 proposals will be funded.

[Click here for the full scope in the competition document.](#)

This competition links into the key component of the UK's future defence capability; the concept of Information Advantage, meaning the ability to out-think and out-decide adversaries to achieve dominance of the narrative and of operations.

Fundamental to Information Advantage is the ability to exchange information in a timely manner, resilient to adversary action, which may come in the form of electronic, cyber or physical attack.

Whilst we are interested in innovations at [Technology Readiness Levels \(TRL\)](#) up to prototype demonstrators, the end of the project is hoping to deliver an array of technologies in the TRL 3 to 6 range.

The competition closes for submissions at midday BST on Wednesday 7 April 2021.

A series of 1-2-1 sessions will be available for those interested in discussing the challenge and their ideas with the project team.

[To register for a 1-2-1 slot on 18 February click here.](#)

[To register for a 1-2-1 slot on 23 February click here.](#)

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