



Meet the winners of the ASSETs+ European Defence Challenge II edition!

The **ASSETs+ European Defence Challenge (EDC)** is an open competition to attract young talent to the Defence industry and to encourage them to initiate a career in defence-related technologies.

In this II edition of the Challenge, 130 registered students from 16 different countries were asked to share their vision on the topic '**Remote everything? To what extent can unmanned assets interact with humans in the field for defence operations?**'.

The **EDC II edition Awards Ceremnoy** took place last Friday, with the presence of highly relevant speakers from the European Commission DG Defence Industry & Space, the European Defence Agency, the European Parliament, and universities and industry partners of the ASSETs+ consortium.

**It is a pleasure to announce that the winners of the EDC II edition
are...**

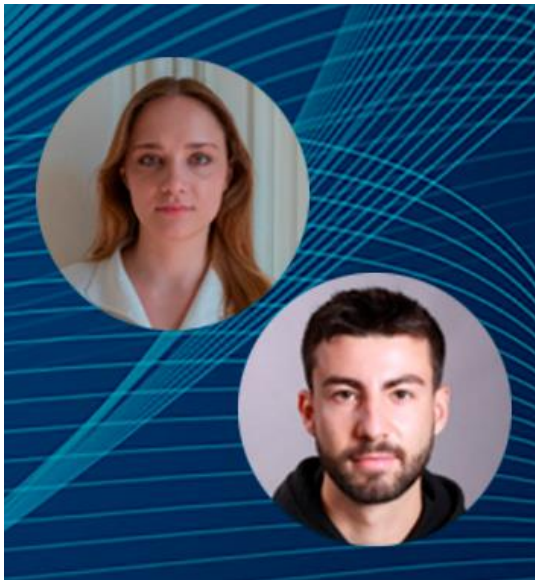


WINNING TEAM

Andreas Wouters & Nathan Prakopetz, Royal Military Academy (Brussels)

Their proposal, "**Autonomy in Air Defence Systems**", analyses the problematic characteristics of hypersonic missiles and how these missiles manage to evade air defence systems.

- Download the essay [here](#).
- Watch their presentation [here](#).

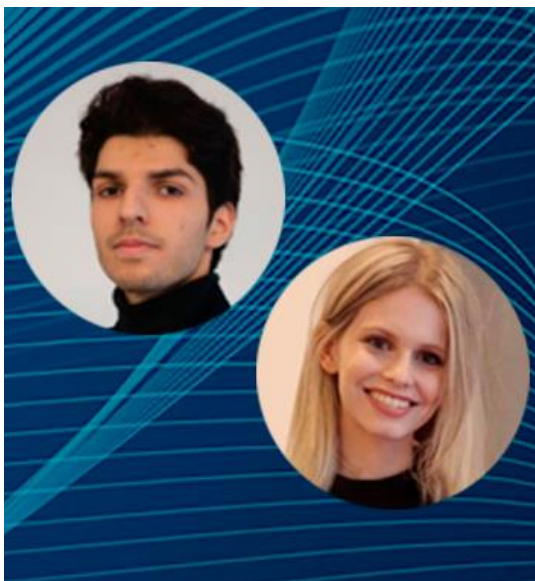


FINALISTS

Susanna Hein & Emilien Maquaire, from Sciences Po Lille (France)

Their proposal, "**Human-Robot teaming Research Initiative for a Combat Aerial Network (HURRICANE)**", outlines the opportunities and challenges that robotics and artificial intelligence technologies offer for future air combat by indicating how we can gain an advantage through human machine teams.

- Download the essay [here](#).
- Watch their presentation [here](#).



FINALISTS

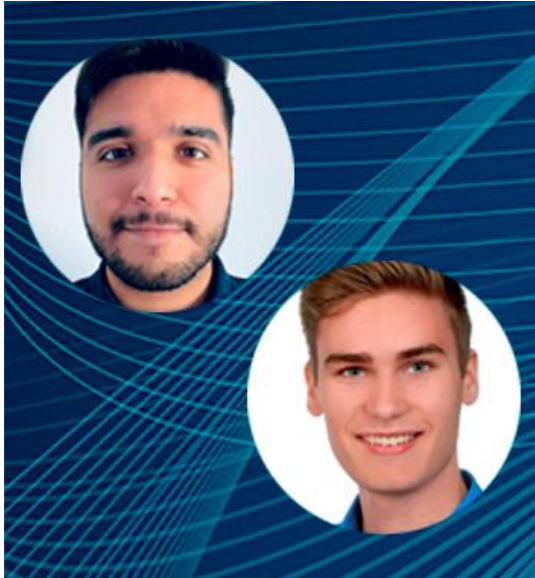
Anaëlle Salamon from Sciences Po Lille (France) & Sinan Bekka from University of Edimburgh (UK)

Their proposal is a three-step development program of **European Defensive Autonomous Submarine Systems (EURO DASS)** which will follow strict principles and hopefully will set a precedent for the making of unmanned systems in defence operations.

- Download the essay [here](#).
- Watch their presentation [here](#).

SPECIAL MENTION TO YOUNG STUDENTS

In this edition there has been also a special mention to the best essay from students up to 20 years, and the winners are:



Carlos Daniel Farias, from the University of Cadiz (Spain), & Carlos Thurn, from Nordakademie (Germany)

Their proposal **“Can I trust you? An AI for secure, authenticated communication”** aims to create a method of secure communication between two or more individual parties in order to allow interaction of human and machine for the application in the defence field. In order to achieve this, a combination of encryption and identity authentication will be implemented.

- Download the essay [here](#).
- Watch their presentation [here](#).

Congratulations!

You can watch the full EDC II Awards Ceremony below:



**We invite you to join us for the next edition EDC III.
The topic will be announced soon.
Stay tuned!**

ASSETs+ Consortium Partners



Associated partners:



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ASSETs+ project

Alliance for Strategic Skills addressing Emerging
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