Meet the winners of the III edition of the ASSETs+ European Defence Challenge

Macrh 2023

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 III edition of the Challenge, 140 registered students from different European countries participated to share their vision on the topic 'Security, threats identification and defence strategies'.

The EDC III edition Awards Ceremony took place online last March 28, during which we could meet the winners of this III edition together with the opening of the IV edition of the Challenge and the new topic.

It is a pleasure to announce that the winners of the EDC III edition are…

WINNING TEAM

Antoine Lebret & Sarah Joron, from Sciences Po Lille, Master Strategy, Economic intelligence, and Risk Management (SIGR)

Their proposal, "SEA-BER. Strengthening European autonomy, Building European resilience", aims to improve the European response by proposing the development of SEA-BER software to map cables and the damage that can occur. This tool should help to reduce accidents, the main source of cable damage, but also to identify and prevent the threats surrounding the physical materialization of cyber.

2nd POSITION

Stefan Ursu & Jan Beuchel, from RWTH Aachen University.

Their proposal, "The European Reconnaissance Space-based Infrastructure: ERSI-1", is a concept project for a European early threat detection project which put forward the usage of innovative nanosatellite technology. Framed within the context of previous projects and the necessity of the improvement of defense satellite technology, they argue that possession of a modern fleet of resilient satellites will allow the EU to efficiently address threats and generally improve its security capabilities.

3rd POSITION

Antonio Ferrándiz & Jesús Eguino, from Centro Universitario de la Guardia Civil – Universidad Carlos III de Madrid.

Their proposal, "The use of statistical methods and big data to fight organized crime", aims to introduce a software which classifies the information in terms of danger and which is able to be configurable for different organizations. It should be capable of analysing general and specific searches, that way the users have infinite posibilities in terms of being provided with information for all the different cases.

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YOUNG STUDENT AWARD

Abigail Machaj & Alicja Siekanowicz, from Rzeszów University of Technology.

Their proposal, "Securing messages using heat", wants to introduce an idea of the concept for encrypting messages using heat. Such idea can have a significant impact on the future safety of the military as well as civil facilities. The purpose is to keep the message flow in check, protecting society from injustice they don't deserve.

Congratulations!

More information: https://assets-plus.eu/challenge/

The ASSETs+ project

The Alliance for Strategic Skills addressing Emerging Technologies in Defence (ASSETs+) is a four year **Erasmus+ project**, built on close collaboration between Defence Industry, Sectoral Organisations, Higher Education Institutions, Vocational Educational & Training providers and Research Centres, with 30 partners from 8 countries and a broader ecosystem of stakeholders.

ASSETs+ aims to build a sustainable human resources supply chain for the European Defence Industry, that boosts innovation by both attracting highly-skilled young workers and upskilling its employees. Complementary education & training programmes are addressing the following main technologies: Artificial Intelligence, Robotics, C4ISTAR* and Cybersecurity.

(*) C4ISTAR is an acronym for Command, Control, Communications, Computers, Information/Intelligence, Surveillance, Targeting Acquisition and Reconnaissance

ASSETs+ Consortium partners

Associated partners: eupportunity, reportbrain

Contact for more information:

- communication@assets-plus.eu

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