



Interdisciplinary Cyber Training



web site: <https://www.incyproject.eu/>

Newsletter No 6

Cooperation with VET within InCyT

It is known that technology as well as cyberattacks evolve rapidly more than people and organisations were aware of. The importance of cybersecurity in education cannot be neglected. Educators, learners use increasingly technology to support learning and daily operations, so the security of used systems and data should become a high priority.

Also, within vocational education and training (VET) it is necessary that educators/trainers and students know examples of common cyber security attacks in their organisations, are equipped with cybersecurity awareness and have some cybersecurity basic knowledge about reasons why cyberattacks happen and tools to act against them.

This is a complex and can be an be a difficult task for educators and administrators who do not have enough knowledge in cybersecurity.

In this context, results and resources of the two-year Erasmus+ project InCyT (Interdisciplinary Cyber Training [www.](http://www.incyproject.eu/)) as cybersecurity training for managers and employees of small and medium-sized enterprises (SMEs) to avoid cyberattacks can help to develop knowledge and skills in this area by educators/trainers and students.

One task in the InCyT project is to discuss with VET institutions in project partner countries about an adapted version of the InCyT model for VET. In this context, first surveys has been done with VET representatives, mentors and learners which participated in the InCyT training program,

Each partner organized a Multiplier Event with teachers and students in own partner countries to make known the InCyT training for them and discuss cooperation possibilities to use of InCyT results.

Germany

In Germany, IAT spoke to a number of VET schools and decided for Berufskolleg Königsstraße in Gelsenkirchen. IAT has already successfully cooperated with the school within another cybersecurity project. After presentation of InCyT, questions and suggestions of teachers and students will be analysed and conclusions about a future cooperation will be developed. The school is very active in the Erasmus+ program.

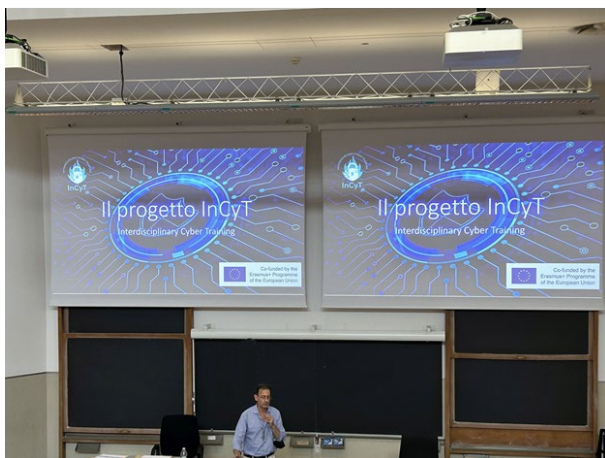
Some pictures from the event in Gelsenkirchen, Germany.



Italy

The Multiplier Event in Italy was held on July 22nd at the Politecnico di Torino, Turin. The people invited were graduate and undergraduate students either working in companies or self-employed (the most part). After a description of the Project, its objectives and the participation of international partners, the participants discussed with Professor Claudio Fornaro about computer security problems in general, with a particular focus on education of managers and employees of SMEs and the opportunity to use InCyT results to VET courses.

Many people from both scientific and humanistic areas have shown interest in the topic and then decided to enrol.



Multiplier Event in Italy



Romania

The InCyT Multiplier Event in Craiova, Romania, took place on September 14, 2023. The target group: teachers / VET authorities SMEs. Information was provided on how to identify digital gaps and improve this situation through interdisciplinary training and mentoring. The InCyT platform was presented, and a workshop was organized to discuss the quality, effectiveness, necessity and transferability of the results.

Getting the resources and funding to support cybersecurity education, finding the right balance between cybersecurity education and professional training can be a big challenge.



Poland

Breakthrough ideas, innovative solutions and comprehensive discussion - these three elements were at the heart of the 7th Something About IT Security Scientific Conference, which took place on Thursday, May 25, 2023. The event, organized by the Something About IT Security scientific circle, brought together experts in the field of cyber security to share their knowledge and experience, as well as present the latest trends and developing technologies.

VII Konferencja Naukowa
SOMETHING ABOUT IT SECURITY

25.05.2023 godz. 9:00 aula A-61 Otwarcie konferencji
REJESTRACJA od godziny 8:30

Wydarzenie upowszechniające wyniki projektu INCYT

CZĘŚĆ I 09:00 - 11:30 prowadzący: dr inż. Mariusz Nycz

09:00-09:15 Otwarcie konferencji
09:15-09:30 Prezentacja wprowadzająca Koła Naukowego Something about IT Security
09:30-10:00 Cyberbezpieczeństwo - kompleksowy zwiastów Artur Maj (Poznań)
10:00-10:30 Rozwój technologii w świetle jej skuteczności w walce z cyberzagrożeniami
10:30-11:00 Analiza trendów zmian i prognozy na przyszłość sektora Bankowo (Sofia) i Cyberbezpieczeństwo
11:00-11:30 Różnice pomiędzy macierzystymi analitycznymi ofertami na rynek, a uczeniem maszynowym Katarzyna Ptaszewska (Poznań)
Przebieg lunchowa, networking

CZĘŚĆ II 11:30 - 14:00 prowadzący: dr inż. Paweł Dymora

11:30-12:00 Złoty icht samem una Ciep zlepisz Tomasz Topczewski (Eurasian Network)
12:00-12:30 Playing dirty Paweł Dytle (Kielce)
12:30-13:00 Przewodność do opow, czyli jak przyspieszyć łamanie z hasłami Bartłomiej Wierzbicki (Lubuskie)
13:00-13:30 Długość analizy dotyczącej prowadzenia zagrożenia w zakresie bezpieczeństwa informacji i ochrony danych osobowych w organizacji Stanisław Hedy-Głowiak (Uniwersytet Ekonomiczny w Katowicach)
Panel dyskusyjny oraz przebieg kawowa

CZĘŚĆ III 14:00 - 16:30 prowadzący: dr inż. Mirosław Macurek

14:00-14:15 Analiza heurystyczna ruchu sieciowego Paulina Knieć (Politechnika Rzeszowska)
14:15-14:30 Zagrożenia związane z kryptowalutami Adrian Krwawczyk (Politechnika Rzeszowska)
14:30-14:45 Podsumowanie, program Doktorant Karol Dudek (Politechnika Rzeszowska)
14:45-15:00 Automatyzacja w procesie tworzenia oprogramowania Cezary Mielniczek (Politechnika Rzeszowska)
15:00-15:15 Tajemni CzagPT Marek Piędal (Politechnika Rzeszowska)
15:15-15:45 Wyższe wykształcenie i odporność w ruchu sieciowym Maciej Zak (Politechnika Rzeszowska)
15:45-16:00 Sieci neuronowe w analizie ruchu sieciowego Witalii Morozki (Politechnika Rzeszowska)
16:00-16:15 Istotne zagrożenia bezpieczeństwa Marketa Cyran (Politechnika Rzeszowska)
16:15-16:30 Panel dyskusyjny, zakończenie konferencji

PARTNERZY KONFERENCJI: Deloitte, Xpivo, mowibyl, Nowe



Turkey

The multiplier activity of the project named InCyT- Interdisciplinary Cyber Training- in Turkey was completed on September 13, 2023 in Zonguldak/Kozlu. Public institutions, vocational training institutions, education administrators, Chamber of Commerce and Industry and SMEs in Zonguldak province were invited. 85 participants attended the multiplier event, which was held in the form of a comprehensive cyber security conference.



Denmark

Multiplier event in Denmark 16th September 2023, International House Aalborg The program had two pillars: (1) Telling about the Incyt project and (2) presenting the online platform and the courses for employees and managers.

The participants were SME managers, NGO employees and students.

The participants were very satisfied and we had a constructive discussion about the cyber security issues and the best possible training.



Last Project Meeting in Austria

In addition, the last face-to-face project meeting took place in Austria. Hubert Schölnast and Simon Tjoa received the partners at the University of Applied Sciences St. Pölten. Important topics of the meeting were the implementation of the multiplier events, the finalisation of IO5 and the writing of the final report.



Publications

Ileana Hamburg also published the following this month:

Hamburg, I. & O'Brien, E. (2023): Inclusive, digital-based approaches in entrepreneurship education. In Kaya, M. & Bayrakdar, S., Social and economic sciences in the context of new global developments (377-390). Berlin: Peter Lang.