Partner for DIGITAL Skills
Pitching session
Blue Room
Pitches

1. EIT Digital – An interesting partner for Advanced digital skills analysis, Mattia Bellotti - EIT Digital
2. Building Healthy Security Cultures through Immersive Learning Experiences, Nadja El Fertasi - Thrive with EQ (BE)
3. Wide – Women in Digital Empowerment, Marina Andrieu – WIDE (LU)
4. Identify ICT study programs for the future and address the lack of ICT specialists, Mário Lelovský - Slovak National Coalition (SK)
5. Start young to get to 20 million digital technology specialists by 2030, Madhumalti Sharma – Workshop4me (LU)
6. Cefriel approach to training, upskilling and reskilling in cybersecurity. Transforming training in cybersecurity into a cyber risk mitigation solution, Enrico Frumento – CEFRIEL (IT)
7. CyberHEAD, Fabio Di Franco, ENISA (GR)
9. Matchmaking Sweden ICT, Anna Broeders - Linköping Science Park (SE)
10. Equipping next generation of diverse leaders to bridge the bias in artificial intelligence, Rose Gill- The Code To Change (NL)
EIT Digital – An interesting partner for Advanced digital skills analysis

Mattia Bellotti - EIT Digital
OUR STRATEGY
INTEGRATED | MULTI-DISCIPLINARY | CROSS-COUNTRY

• Pan-European open-innovation ecosystem of top European corporations, SMEs, startups, universities and research institutes.

• We believe in shaping a competitive digital Europe that is inclusive, fair and sustainable.

• We breed digital entrepreneurial talent and build the next generation of digital ventures, digital products and services.
OUR EDUCATION ACTIVITIES
ENHANCE DIGITAL & ENTREPRENEURIAL SKILLS | DEVELOP TALENT

• 50+ top EU technical universities and RTOs
• 2,200+ Master school alumni
• 150+ Doctoral school alumni
• 10 Summer schools per year
• 10 Professional courses

10+ year experience in:
• Cooperation with Higher Education Institutions across Europe
• Design and coordination of Master Programmes
• Innovation & Entrepreneurship education activities
• Organisation of short-term training and courses
Building Healthy Security Cultures through Immersive Learning Experiences

Nadja El Fertasi - Thrive with EQ (BE)
Nadja El Fertasi

Building Emotional Firewalls || Minimizing the pain of Cyber Crime

Readiness & Resilience Strategies, Top 100 women in Cyber Security across Europe by Women4Cyber Foundation.

Nadja EL Fertasi

I help people build emotional firewalls and minimize the pain of cyber crime. I focus on recovery and readiness strategies through resilience building.

I have two decades of experience in digital transformation, cyber security and stakeholder engagement in NATO, the world's largest crisis management and security organisation.

LinkedIn: Nadja El Fertasi
Email: nadja@thrivewitheq.com
Matt Castle

Content creator
Producer
Storyteller

Through film, animation, VR and interactive online learning experiences.

Matt Castle

I'm dedicated to engaging audiences & building communities through emerging, immersive technologies such as AR & VR.

I have 15+ years experience producing documentaries, branded video content, and award-winning Virtual Reality/interactive online learning experiences, for clients such as Barclays, EY, Sky, ITV, Lloyds bank, JP Morgan, & Heathrow airport.

LinkedIn Matt Castle

mattcastleproducer@gmail.com
Wide – Women in Digital Empowerment

Marina Andrieu – WIDE (LU)
From our experience

- Supporting girls and women in tech
- Coding
- Partnership with public and private
- EU projects

To partner and share our expertise in:

- Gender Equality
- Digital Skills
- Inclusive Entrepreneurship
WIDE.LU

Contact: Marina ANDRIEU
marina@women-digital.lu
+352 691 771 746
or on Linkedin

broken image
Identify ICT study programs for the future and address the lack of ICT specialists

Mário Lelovský - Slovak National Coalition (SK)
Need for education in ICT study programs 2030

Analysis of structured demand for education in ICT study programs according to the labour market forecast, the capacity of educational institutions and the availability of pupils until 2030 – forecast and action plan for the country

Reasons

- Current shortage of ICT specialists (aprox. 10 000 in Slovakia) / analysis of actual and future shortage of them, what can be done on national and EU level, how can DEP help
- Offer of current ICT study programs / in vocational, bachelor's and master's education of graduates / in structure, quality of education and quantity of graduates / does not meet today's labour market demands, and not at all for the digital decade of 2030
- ICT specialists are a must for success of digital transformation in the age of Industry 4.0
Project and Activities

- develop methodology / run survey and human resources forecast / check demand for ICT specialists in various areas / according to ESCO database

for current status and the future

- qualification / quantification of graduates in vocational / bachelor's / master's education
- demand on capacity and quality of educational institutions
- demand on qualified teachers & experts in different areas of ICT
- availability of pupils with educational prerequisites for ICT studies
- feasibility analysis and action plan to achieve goals in next 5-years + competency needs for ICT studies in view to 2030
- proposals to fundings of action plan from EU funds/state budgets
- results and methodology available for cross-country comparisons
- ref: Sector Strategy for Human Resources, Development for the ICT sector (Trexima), Work 4.0 (RÚZ), interntl. forecasts (ESCO)
- International cooperation: Slovak Digital Coalition, National Union of Employers, IT Association of Slovakia and intl. partners
Start young to get to 20 million digital technology specialists by 2030

Madhumalti Sharma – Workshop4me (LU)
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www.Workshop4Me.com
Nalini Sundrudu
Founder and President, Workshop4Me a.s.b.l

Simplify coding

EU Code Week Ambassador Luxembourg

EU Robotics National Coordinator Luxembourg

Executive Board Member – European Association of STEAM Educators (EASE)
Cefriel approach to training, upskilling and reskilling in cybersecurity. Transforming training in cybersecurity into a cyber risk mitigation solution

Enrico Frumento – CEFRIEL (IT)
Cefriel approach to training, upskilling and reskilling in cybersecurity.

Transforming training in cybersecurity into a cyber risk mitigation solution

Frumento Enrico
Cybersecurity Senior Specialist

https://www.linkedin.com/in/enricofrumento/

11/2021
Cyber Security

CHALLENGES

• Understand actual security risks

• Reduce exposure including human element

• Training also for non-tech employees

• Cybercrime intelligence

• Sustainability of cybersecurity

OUR VISION

Cybercrime is today’s main stakeholder of our data and one of the most profitable industries worldwide. New security threats and issues related to emerging technologies must be properly understood and managed, as well as innovative opportunities.

Cefriel promotes a holistic approach to cyber-security. It ranges from human factor to very specific technologies in order to assure a sustainable information security lifecycle, considering legacy, new ICT systems, policies and organizational aspects; supporting the business value generation.
A NEW LEARNING PARADIGM FOR CYBERSECURITY

- Personalisation
- Wide Selection of learning paradigms
- Profiling and dynamic clustering of learners
- Authoring platform
- Highly personalised and adaptive learning experience
Crowd-sourced database of cybersecurity related academic programmes: the largest cybersecurity point of reference for citizens looking for academic programmes in cybersecurity

130+ cybersecurity programmes

Prospective students through the easier user interface, can make informed decisions on the variety of possibilities offered by higher education in cybersecurity

Updated info @ https://www.enisa.europa.eu/CyberHEAD
DATABASE INFORMATION PER PROGRAMME

For Students
- **Type of programme** (e.g. bachelor, master)
- **Language**
- **Distribution of the courses** (e.g. engineering vs. legal/management oriented)
- **Location**
- **Fees**
- **Engagement with industry** (e.g., internship, preparation for certification, lectures by professionals)

For Stakeholders
- **Number of Students**
- **Number of Graduates**
- **Gender Balance**
Digital Good Practices Projects
by Inercia Digital

Maite Guerrero – Inercia Digital (ES)
OUR INNOVATIVE PROJECTS

EFIVOS

Inclusive education and fosters common values among young people by raising awareness and improving their digital skills. It does so by equipping disadvantaged young people with the necessary tools to take the media into their own hands.

THE SPIRIT OF EUROPE

The project The Spirit of Europe has as its main objective the learning of history through a computer game. The player travels through the history of Europe, from mythology to present, participating in historical and mythological events.
Matchmaking Sweden ICT

Anna Broeders - Linköping Science Park (SE)
SWEDEN ICT

SWEDEN'S LEADING ICT ENVIRONMENTS IN COLLABORATION
ABOUT SWEDEN ICT

- 6 Science Parks
- 2400 companies
- 59000 talents

- A collaboration about common challenges
  - EDIH
  - Talent attraction
  - Benchmark
MATCHMAKING WITH AI

The goal:
• To connect international talents with advanced skills in ICT with RDI companies.

Method:
• Matchmaking with AI
• The companies recruitment needs and the talents competence in focus.
• The best matches meets in facilitated meetings.

Numbers so far:
• 42 companies
• 370 talents
• 98 interviews
Equipping next generation of diverse leaders to bridge the bias in artificial intelligence

Iffat Rose Gill- The Code To Change (NL)
The Code To Change is a diversity and inclusion organization, working to connect high potential employees with leaders in the technology world.

Empowering women and girls through digital skills in emerging tech.
Our projects

Machine Learning and Artificial Intelligence bootcamps for Women in Amsterdam Region

Bringing expertise on digital inclusion and capacity building in digital skills globally.

Digital Inclusion of Women From Refugee and Migrant-Background Into The Dutch Technology Workforce

Connecting Pakistani women to freelance digital workforce

Digital Skills for Afghani women worldwide
Our Work

**Informational Seminars / Webinars**

Everyday we are facing new challenges and the best way to cater them in this modern era is to keep yourself up to date with modern tools and knowledge. To fulfill this need, we bring interesting and useful topics for our audience.

**Beginners level bootcamps**

To cater the needs of the business community and online brands, we provide Basic IT Tools Training leading towards becoming a successful Virtual Assistant.

**Signature Code to Change bootcamps**

Digital Skills Training Camp is a signature 12 weeks online training programme to train under-represented groups worldwide with digital skills and enable them to start a career in technology.

**Advanced level bootcamps**

Digital Skills bootcamp is an 8 week training camp on introduction to Artificial Intelligence and Machine Learning using Python.
Contact us at

info@codetochange.org
Find more information and sign up for the DIGITAL Collaborative group

www.digitalskillsjobs.eu

@DigitalSkillsEU  Digital Skills EU