

Project Title: Transnational cooperation initiative fostering developing forward thinking skills of students, teachers and workforce in sustainability-relevant sectors posed by Business 4.0 trends through innovation in Business & Engineering education and training, " SMART skills 4.0"  
Grant Agreement: 2020-1-RO01-KA203-080019

## 4<sup>th</sup> Short-term Joint Staff Training (C4)

### Innovation in Business & Engineering education and training through sustainable learning

8 – 12 May 2023

**Location:** Panepistimio Dytikis Attikis/ University of West Attica  
**address:** Thivon 250 & Petrou Rali, 122 44 Aigaleo, Attica, Greece,  
**city:** Athens; **country:** Greece,  
**contact person:** Associate Prof. Andreas ALEXOPOULOS / +30 694 462 6858

#### Event Agenda

7 May 2023	
Travelling and accommodation	
1st DAY 8 May - Monday 2023	
Strengthen education and training for Business 4.0	
9.30 – 9.45	Registration + logistic activities preparation
9.45 – 10.00	<b>Opening session:</b> Welcome + The context of the Short-term joint staff training event activity within the project. <b>UPB-P1: Bogdan FLEACĂ (0,15 h)</b>
10.00 – 10.10	<b>Learning objectives of training, (0,10 h) – UPB-P1: Bogdan FLEACĂ</b> - Aims to build a multicultural learning experience - Gathering information from the testing phase for the <i>Education Initiative</i> - To augment educational resources with tested and improved practices
10.10 – 10.20	<b>Agenda presentations, UWA-P6: Alina HYZ &amp; Andreas ALEXOPOULOS (0,10 h)</b> - Participants presentations - Incoming activities
10.20 – 11.50	<b>Opening Session: Insights from Educational Initiative – pilot course testing</b> ☞ Guest speaker: <b>Nektaria MARAVA, Project Manager, Apopsis SA, Urban and Regional Development, Freelancer-Urban Expert (1,30 h)</b> - Supporting Blue High Tech: The case study of <b>StartUPireaus</b> - <a href="https://www.linkedin.com/in/nektaria-marava-74347429/?originalSubdomain=gr">https://www.linkedin.com/in/nektaria-marava-74347429/?originalSubdomain=gr</a>
11.50 – 12.05	Coffee yoga break
12.05 – 13.30	<b>Workshops and interactive presentation topics: 4th Industrial Revolution and work &amp; learning</b> ☞ Guest speaker: <b>George PANTOULAS &amp; Elias LETSIOS –, Co-founders &amp; Project (1,30 h) / with short business movies</b> - The awarded communication app for business: <b>linked AD – commercial software application</b>
13.30 – 14.30	Lunch networking
14.30 – 16.00	<b>Workshops and interactive presentation topics: EU policy and initiatives in Industry 4.0: EU Digital Agenda</b> ☞ Guest speaker: <b>Dr. Dimitris TZEMPELIKOS - Head of Directorate of Planning &amp; Development in City of Egaleo - Municipality of Egaleo (1,30 h)</b> - Implementation of Smart City Applications in the city of Egaleo - Municipality of Egaleo in European Projects
16.00 – 17.15	<b>Workshops and interactive presentation topics: 4th Industrial Revolution and work &amp; learning</b>



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	<ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Dimitra Danai VARSOU</b> - Chemical Engineer, PhD at the National Technical University of Athens, Master of Science - MS, Process Engineering (1,15 h)</li> <li>- Machine learning- <b>Isalos Analytics Platform</b> - A software application for data manipulation and model development specially designed for non-coding experts</li> <li>- <b>NovaMechanics Ltd.</b> - Cheminformatics Nanoinformatics Excellence - Isalos Analytics Platform Enalos Cloud Platform</li> <li>- Novamechanics Ltd. is an in-silico drug design company committed to the computer-aided design of small molecules for an extensive range of target classes</li> </ul> <p><a href="https://novamechanics.com/">https://novamechanics.com/</a></p>
17.15 – 17.30	<p><b>Wrap-up session: findings and conclusions UPB, Romania - Prof. Bogdan FLEACĂ</b></p>
<p><b>2<sup>nd</sup> DAY 9 May – Tuesday 2023</b></p> <p><b>Business 4.0 and educational resources for sustainable learning</b></p>	
9.30 – 9.45	<p>Logistic activities preparation</p> <ul style="list-style-type: none"> <li>- Opening Session – summary of day 1 - UPB, Romania - Prof. Bogdan FLEACĂ</li> </ul>
9.45 – 11.00	<p><b>Workshops and interactive presentation topics on Business 4.0 :</b></p> <p><b>Topics grounded on one or more of the subjects:</b> anti-corruption and anti-competitive behaviour, sustainable value chains</p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Dr. Lilian BALATSOU</b> - AI Evangelist, Cognitive Neuroscientist and Greek Girls Code, founder (1,15 h),</li> <li>- Beyond the Buzzword: AI in the business 4.0 era</li> <li>- AI Evangelist in the Conversational AI industry, helping companies with the best tools and strategies to use AI and language</li> </ul> <p><a href="https://www.beyond-expo.gr/dr-lilian-balatsou/">https://www.beyond-expo.gr/dr-lilian-balatsou/</a></p>
11.00 – 11.45	<p><b>Thematic workshop, experience sharing and discussions on Business 4.0 and Economic performance:</b></p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Charalampos MANOUSIADIS</b> -Researcher &amp; Project Manager - Institute of Communication and Computer Systems (ICCS) – SENSE Group (45 min) <b>first part</b></li> </ul> <p><b>Industry 4.0 and digital tools towards circularity and sustainability</b></p> <ul style="list-style-type: none"> <li>- I-SENSE is one of the Research Groups of the Institute of Communication and Computer Systems (ICCS) of the National Technical University of Athens.</li> </ul> <p><a href="https://i-sense.iccs.gr/">https://i-sense.iccs.gr/</a></p>
11.45 – 12.00	Coffee yoga break
12.00- 12.45	<p><b>Thematic workshop, experience sharing and discussions on Business 4.0 and Economic performance:</b></p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Charalampos MANOUSIADIS</b> -Researcher &amp; Project Manager - Institute of Communication and Computer Systems (ICCS) – SENSE Group (45 min) - <b>second part</b></li> </ul>
12.45 - 13.45	<p><b>Workshops and interactive presentation topics: 4th Industrial Revolution Threats</b></p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Kelly IOANNOU</b> - Trauma Coach - Lecturer in Criminology and Forensic Psychology (1,00 h) – <b>first part</b></li> <li>- The usage of experiencing rules regarding safe browsing - Cybertrauma</li> <li>- CSI Institute – High Risk Cyber Behaviour</li> </ul> <p><a href="https://www.linkedin.com/in/kelly-ioannou/">https://www.linkedin.com/in/kelly-ioannou/</a></p>
13:45-14:45	Lunch networking
14.45 – 15.30	<p><b>Workshops and interactive presentation topics: 4th Industrial Revolution Threats</b></p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Kelly IOANNOU</b> - Trauma Coach - Lecturer in Criminology and Forensic Psychology (1,00 h) – <b>second part</b></li> </ul>
15.30 – 17.15	<p><b>Workshops and interactive presentation topics on Business 4.0 and Economics:</b></p> <ul style="list-style-type: none"> <li>☛ Guest speaker: <b>Dr. Nikolaos DASKALAKIS</b>- Assistant Professor Panteion University (1.45 h)</li> </ul>



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	<ul style="list-style-type: none"> <li>- Head of Market and Entrepreneurship Development Discipline in the Small Enterprises Institute of the Hellenic Confederation of Professionals, Craftsmen and Merchants (IME-GSEVEE)</li> <li>- Introduction in Crypto economy - Bitcoins</li> </ul> <p><a href="https://pubadmin.panteion.gr/en/team_member/daskalakis-nikolaos/">https://pubadmin.panteion.gr/en/team_member/daskalakis-nikolaos/</a></p>
17.15 – 17.30	<b>Wrap-up session:</b> findings and conclusions UPB, Romania - Prof. <b>Bogdan FLEACĂ</b>
<b>3<sup>rd</sup> DAY 10 May - Wednesday 2023</b> Business 4.0 and educational resources for sustainable learning	
9.30 – 9.45	<ul style="list-style-type: none"> <li>- Logistic activities preparation</li> <li>- Opening Session – summary of day 2 - UPB, Romania - Prof. <b>Bogdan FLEACĂ</b></li> </ul>
9.45 – 11.15	<b>Work 4.0: digitization, employment, and skills development!</b> <ul style="list-style-type: none"> <li>☞ InforElea, Italy - Prof. <b>Alessio ALONNE</b> (1.30h)</li> <li>- The state of Metaverse - presentation</li> <li>- Workshops, exchange of ideas and discussions:</li> <li>- Techniques for eLearning program based on LMS (Learning Management Systems)</li> </ul>
11.15– 11.30	Coffee yoga break
11.30 – 13.00	<b>Topics grounded on one or more of the subjects:</b> circular economy and waste management, resource use, pollution and environmental impact, energy pollution, climate changes, by-product manufacturing. <ul style="list-style-type: none"> <li>☞ AVANTERA, Romania - <b>Dr. Mihai PASCADI</b> (1.30 h)</li> <li>- Exchange of real-life cases, sharing experiences and discussions</li> </ul>
13.00 – 14.00	Lunch networking
14.00 – 15.30	<b>Activities of the training event</b> <ul style="list-style-type: none"> <li>☞ InforElea, Italy - Prof. <b>Emma Selena Ixchel ITURRIAGA SAUCO</b> (1.30 h) – first part</li> <li>- The art of questioning: a multispecies model of collaboration on AI times - A socratic approach with a posthuman eye - <i>presentation</i></li> <li>- Techniques for assessing learning outcomes: learning analytics, self-evaluation.</li> <li>- Improving the quality of teaching relevant to societal needs.</li> </ul>
15.30– 15.45	Coffee yoga break
15.45 – 17.15	<b>Activities of the training applications</b> <ul style="list-style-type: none"> <li>☞ InforElea, Italy - Prof. <b>Emma Selena Ixchel ITURRIAGA SAUCO</b> (1.30 h) – second part</li> </ul>
17.15 – 17.30	<b>Wrap-up session:</b> findings and conclusions UPB, Romania - Prof. <b>Bogdan FLEACĂ</b>
<b>4<sup>th</sup> DAY 11 May – Thursday 2023</b> Business 4.0 and educational resources for sustainable learning	
9.30 – 9.45	Logistic activities preparation Opening Session – brief summary of day 3 - UPB, Romania - Prof. <b>Bogdan FLEACĂ</b>
10.00 – 13.00	<b>Thematic workshop, experience sharing and discussions on Business 4.0 and Social performance:</b> <b>Topics grounded on one or more of the subjects:</b> skills development and non-routine jobs, standards of living, skilled workforce and innovation, social and labour protection, local community engagement. <ul style="list-style-type: none"> <li>☞ <i>Visiting the University Of West Attica CLOUD Lab</i></li> <li>- Applications with economic, environmental, and social development factors</li> <li>- The Artificial Intelligence Innovation Hub of the University of West Attica (UniWA AI-InnoHub) is a centre for research and innovation focused on developing and promoting the use of artificial intelligence (AI) in various fields.</li> </ul>
13.00 – 14.00	Lunch networking



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14.00 – 17.15	<p><b>Thematic workshop, experience sharing and discussions on Business 4.0 and Social performance:</b>  <b>Exchange of real-life cases</b>, sharing experiences and discussions with local enterprises and successful Business 4.0.</p> <ul style="list-style-type: none"> <li>☛ <i>Visiting The StartUPiraeus – former Blue Lab - Piraeus</i></li> <li>- The <b>The StartUPiraeus</b> Support Center was launched in 2021, as a local innovative action of Piraeus Blue Strategy 2018-2024.</li> <li>- It aims to inspire, empower, and support, firms, and in particular Startups and spinout companies to develop and scale-up game-changing innovations with an emphasis on the blue economy.</li> <li>- The project aims to develop an Innovation Hub in Piraeus, focusing on developing Research and Development in start-up entrepreneurship</li> </ul> <p><a href="https://startup-piraeus.gr/en/">https://startup-piraeus.gr/en/</a></p>
17.15 – 17.30	<p><b>Wrap-up session:</b> findings and conclusions UPB, Romania - UPB, Romania - Prof. <b>Bogdan FLEACĂ</b></p>
<p><b>5<sup>th</sup> DAY 12 May - Friday 2023</b>            Improving educational materials for digital and ICT-complementary skills</p>	
9.30 – 9.45	<p>brief summary of day 4 - UPB, Romania - Prof. <b>Bogdan FLEACĂ</b></p>
9.45 – 11.45	<p><b>Workshops and discussions</b> on improvement insights for:  <b>Prospective analysis</b> of the intricate influence of technical, scientific, and economic causes on the Business 4.0</p> <ul style="list-style-type: none"> <li>☛ <i>Visiting the University of West Attica - Discovering Opportunities and real-life cases and sharing experiences:</i></li> <li>- Department of Network Support</li> <li>- HP Incubation Centre</li> <li>- Actions with economic, environmental, and social development factors</li> </ul>
12.00 – 17.30	<p><b>Exchange of real-life cases</b>, sharing experiences and discussions with local enterprises  <b>Prospective analysis</b> of the intricate influence of technical, scientific, and economic causes on the Business 4.0</p> <ul style="list-style-type: none"> <li>☛ <i>Visiting the University of West Attica - Discovering Opportunities and real-life cases and sharing experiences:</i></li> <li>- Building and Industrial Energy Systems Lab</li> <li>- Advanced Product Design Engineering &amp; Manufacturing Lab</li> <li>- Autonomous and Remote-Controlled Lab</li> </ul>
<p><b>13 May 2023</b></p>	
<p>Check-out and travelling</p>	



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