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**PROJECT MULTIPLIER EVENT &
LEARNING, TEACHING AND TRAINING ACTIVITY**

Conference and Workshop
on
**Innovative Virtual
Biomedical Laboratory Education**

January 15 - 17, 2025

Location:

Medical University of Lublin

Chodźki 4 Street, 20-093 Lublin, Poland

Medical Simulation Center

Lecture hall 'Aula' - room 407

2021-1-PL01-KA220-HED-000027611
Virtual Innovative Biomedical Education in Science

KU LEUVEN





Dear Enthusiasts of Biomedical Education,
Welcome to the VIBES Project!



We are excited to invite you to the final Conference and Workshop of the VIBES Project, a groundbreaking initiative that has fostered innovative educational and scientific partnerships across Europe. This event marks the culmination of our efforts to design and implement high-quality training materials for students, aimed at creating sustainable educational models.

What to Expect:

- **Keynote Speeches:** Hear from leading experts in education and science who will share insights on the future of sustainable education.
- **Project Highlights:** Discover the achievements of the VIBES Project, including the development of standardized materials and SOPs that may be successfully integrated into educational systems.
- **Panel Discussions:** Engage with panelists as they discuss the challenges and successes of implementing innovative educational practices.
- **Networking Opportunities:** Connect with educators, researchers, and policymakers from across Europe. Share ideas and explore potential collaborations.
- **Workshops:** Participate in interactive sessions designed to provide hands-on experience with the tools and materials developed by the VIBES Project.

We look forward to seeing you there and sharing the exciting outcomes of the VIBES Project!

Prof. Przemko Tylżanowski
The VIBES Project Coordinator

What is

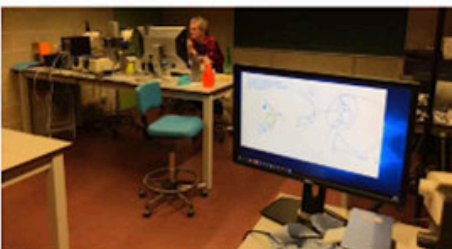
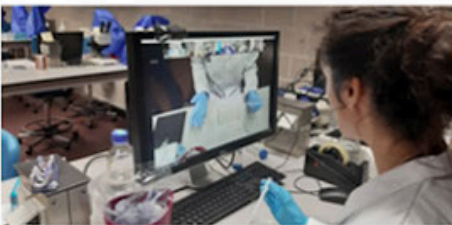


about ?

The VIBES Project was developed under Erasmus+ Programme Cooperation Partnerships for Higher Education Institutions. It was inspired by COVID19 pandemic and associated lockdown periods, when sustainable educational models were scarce. Recognizing the importance of high-quality education in fostering scientific and technological advancements, the project aimed to create a robust framework for student training should access to wet labs be limited again. By bringing together a diverse group of educators in science from Medical University of Lublin, Poland; KU Leuven, Belgium; University of Foggia, Italy; University of Oslo, Norway and Reykjavik University, Iceland, VIBES sought to leverage collective expertise to develop interactive online videos standard operation procedures and teachers' guides.

The primary objectives of the VIBES Project were to design and implement training virtual interactive modules that could be easily integrated into existing educational systems. These modules were developed with a focus on sustainability, ensuring that they could be maintained and adapted over time. The project emphasized the use of high-quality, standardized materials to ensure consistency and excellence in education. Additionally, VIBES aimed to foster collaboration among European educational institutions, creating a network of partners committed to continuous improvement and innovation in education.

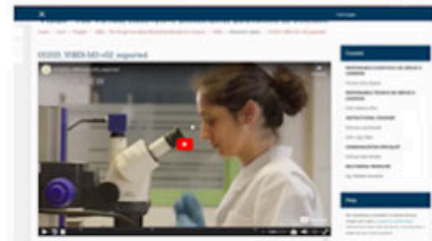
The Challenge



The Solution



The Result





Keynote Speaker I



Prof. Pierpaolo Limone

Rector of Pegaso Online University, Italy's largest university, and Professor of Educational Psychology, he brings 20 years of expertise in digital learning and human-centered digital innovation, with a portfolio of nearly 300 publications.

He has spearheaded multimillion-euro research initiatives and founded the National PhD programs on learning sciences and digital transition and the Center for Advanced Studies in Education (CASE), with more than 100 researchers.

Keynote Speaker II



Prof. Agostino Marengo

University Researcher (since 2005) and Assistant Professor with over three decades of experience in the field of Computer Science applied to distance education (e-learning) in Higher Education and professional training.

His research areas include: Computer Science, Computer Science Education, AI in Education, e-learning.

Keynote Speaker III



Prof. Antonella Lotti

PhD in Medical Education and Full Professor of Didactics at the Department of Humanities. Letters, Cultural Heritage, Education Sciences, University of Foggia, Italy.

Her interests are: Interactive Teaching Methods (like Team Based Learning and Problem Based Learning), Faculty Development in Higher Education, Health Professions Education.



Preliminary Program

**Wednesday January 15, 2025
(day 1)**

13:15	-	13:45	Registration
13:45	-	14:00	EU priorities in supporting educational projects (Foundation for the Development of the Education System - National Agency for the Erasmus+ Programme and the European Solidarity Corps in Poland)
14:00	-	14:15	Introduction to VIBES (P. Tylżanowski, Medical Univ. of Lublin, PL)
14:15	-	14:30	Virtual Lab in Biochemistry to support teaching and improve learning (C. Pacelli, Presentation Univ. of Foggia, IT)
14:30	-	14:45	Using Zebrafish to Create Cancer Patient Avatars and Drug Screening (C.V. Esguerra, Presentation Univ. of Oslo, NO)
14:45	-	15:00	Using Virtual reality in STEAM teaching (O. Sigurjónsson, Presentation Univ. of Reykjavik, IS)
15:00	-	15:15	Practical laboratory techniques in Developmental Biology: an online journey for Biomedical Science students (A. Zwijsen, Presentation of KU Leuven, BE)
15:15	-	15:30	Developmental and behavioral biology using zebrafish (P. Tylżanowski, Presentation of Medical Univ. of Lublin, PL)
15:30	-	16:00	Coffee Break
16:00	-	16:30	ViSkiLab: a virtual reality dive into the biomedical lab. (S. Vangoidtsenhoven - KU Leuven, BE)
16:30	-	17:30	Keynote speaker I Prof. Pierpaolo Limone, Rector at Pegaso Online University "Shaping the Future of Higher Education in Europe: the evolution of campuses"
17:30	-	19:00	Poster session and Get Together



Thursday January 16, 2025 (day 2)

09:00	-	10:00	Workshop with movies and related educational tools- parallel session 1: Molecular Medicine and Biochemistry - C. Pacelli (Univ. of Foggia, IT), O. Sigurjónsson (Univ. of Reykjavik, IS)
10:15	-	10:45	Coffee Break
10:45	-	12:00	Workshop with movies and related educational tools- parallel session 2: Developmental Biology - moderators: A. Zwijsen (KU Leuven, BE), C.V. Esguerra (Univ. of Oslo, NO), P. Tylżanowski (Medical Univ. of Lublin, PL)
12:00	-	12:30	Results of Beta testing and evaluation
13:00	-	14:00	Lunch break
14:00	-	15:00	Keynote speaker II - Prof. Agostino Marengo "Navigating the nexus of General AI in Higher Education"
15:00	-	16:30	Presentation of selected posters by participant (Part 1)
16:30	-	17:00	Coffee Break
17:00	-	18:00	Keynote speaker III - Prof. Antonella Lotti "The Skills Lab as a learning environment: characteristics, process and evaluation"

Friday January 17, 2025 (day 3)

09:00	-	10:00	Innovative Remote Teaching: Enhancing Interactions, Sparking Creativity, and Utilizing Digital Tools in the Virtual Classroom (Marta Migocka-Patrzałek - Univ. of Wrocław, PL)
10:00	-	10:30	Compliance (the speaker to be announced)
10:30	-	11:00	Coffee Break
11:00	-	12:00	Presentation of selected posters by participant (Part 2)
			Adjourn
15:30	-	...	Social Programme: A tour of Lublin. <i>Please prepare for any possible weather conditions, wear comfortable clothes and supportive footwear.</i>



Terms and conditions

1. Conference fee of 75 EUR applies to all participants

The fee includes:

- Access to all sessions
- Catering and coffee breaks served at the Conference hall between sessions
- Eligibility to apply for an accommodation subsidy of up to 75 EUR per stay in Lublin during the period from January 15 to January 17, 2025, subject to the following conditions:

1) Confirmation of personal participation in the Conference at the reception desk on January 15, 2025;

2) Submission of an original invoice for accommodation, issued by a hotel in Lublin and addressed to the Medical University of Lublin*. The invoice must be submitted no later than one week after the end of the Conference and must include the participant's personal details.

*Billing information:

Uniwersytet Medyczny w Lublinie (Medical University of Lublin)

Al. Raławickie 1

20-059 Lublin, Poland

Vat number (NIP): PL 712-01-06-911

2. Cancellation policy:

If a paid registration is cancelled before December 27 2024, then 100% of the registration fee will be refunded. After this date, the registration fee cannot be refunded.

Registration and Abstract Submission is open until December 22, 2024.



USE THE QR CODE TO REGISTER:

We encourage early submission to secure your participation and ensure timely preparation for the sessions.

It is recommended to bring your own laptop or iPad for active workshop participation!

Instructions for **Poster Presentation**

To enhance the visibility and interaction around your research, our classic poster session will include both mounted posters and selected poster presentations.

- **Poster Format:** Posters should be printed in A0 format (90 cm wide x 120 cm high).
- **Mounting Duration:** Posters are required to remain mounted from January 15, 2025 (Wednesday morning) until January 17, 2025 (Friday noon)
- **Abstract of the presented paper** (250 words, Times New Roman 12) shall be sent to natalia.radczuk@umlub.pl

Academic Lublin

Development of science and optimisation of activities - these are the main areas of activity of the established Union of Lublin Universities, which includes Lublin University of Technology, Maria Curie-Skłodowska University in Lublin, the Medical University of Lublin and the University of Life Sciences in Lublin.

Established at the end of 2017, the idea of the Union of Lublin Universities is best illustrated by the scope of activities, but also the scale of possibilities. The Union unites 33 808 students, 4 211 researchers and teaching staff. To this must be added 1 601 patents, 167 fields of study and nearly half a million graduates, because you have to know that Lublin is the most academic city in Poland.



Take a virtual
tour of our university



Lublin - our City



Lublin is the ninth largest city in Poland and the capital of the province. Lublin is also the largest Polish city on the eastern bank of the Vistula river. The history of Lublin is invariably linked with the history of Poland. Situated at culture and trade crossroads, the town has played an important role in both European and local history.

Climate of Lublin



**from December
to February**



from March to May



from June to August



**from September
to November**

Climate of Lublin: Lublin has a humid continental climate with distinct seasons:

Winter (December to February) can be cold, with average temperatures ranging from -5°C to 2°C (23°F to 36°F), and snow is common.

Summer (June to August) are generally warm, with average temperatures ranging from 18°C to 25°C (64°F to 77°F), although occasional heatwaves can exceed 30°C (86°F).

Autumn and spring are transitional seasons, characterised by mild weather but occasional temperature fluctuations. Rainfall is relatively evenly distributed throughout the year, with frequent summer thunderstorms.



A photograph of a person performing aerial silk, suspended upside down by blue fabric against a warm, glowing background.A small blue logo with a stylized 'E' and 'C' and the text 'LUBLIN ECoC 2029' and three stars.

LUBLIN
**EUROPEAN
CAPITAL
OF CULTURE 2029!**

WE MADE IT!



esk2029.lublin.eu

RE:UNION – the motto reflects the idea of Lublin’s application for the title of European Capital of Culture 2029. For Lublin, the historical perspective is only a starting point to revise the concept of a union in the current and future conditions.



TOURIST INFORMATION

(Click the icon to learn more)



GETTING TO LUBLIN



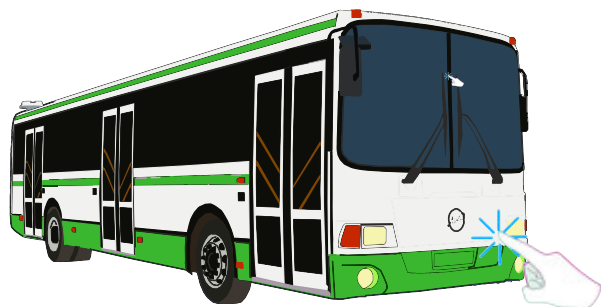
GETTING AROUND THE CITY



Public Transport in Lublin:

Lublin offers efficiently organised public transport, consisting mainly of buses and trolleybuses. Public transport is managed by ZTM Lublin (the Public Transport Authority of Lublin). Trolleybuses, which are rare in other Polish cities, are a unique feature of this system. Both buses and trolleybuses run throughout the day, connecting key areas of the city and its surroundings. Tickets can be purchased using mobile apps, at kiosks and at ticket machines located at the main bus stops. Lublin also offers night bus lines and special connections for students and employees commuting to work.

EDUCATIONAL POTENTIAL OF THE CITY



REGIONAL MUZEUM CEBULAR



Local delicacies you can try in Lublin

- Orion flatbread "Cebularz" (ce-bu-lash)
- Forszmak
- Lublin-style pierogi
- Carp jewish- style

The Lublin region is also famous for its many dishes based on freshwater fish, especially carp (e.g. po poniatowsku in cream), as well as various types of roast venison. It is Old Polish cuisine with influences of Eastern Borderland American and Jewish



SPONSORS

... please contact us for cooperation details
at przemko@kuleuven.be

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Dolna 3 Maja 7 , 20-079 Lublin, Polska
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