

**CSIT**

computer  
science &  
information  
technologies



IEEE Ukraine Section  
IEEE West Ukraine  
AP/ED/MTT/CPMT/S  
SC Societies Joint  
Chapter



National Academy of  
Sciences, Ukraine



Lviv Polytechnic  
National  
University



Institute of Computer  
Science and  
Information  
Technologies



Technical University  
of Lodz, Poland  
Institute of  
Information  
Technologies



Kharkiv National  
University of Radio and  
Electronics, Ukraine



Wyższa Szkoła  
Gospodarki, Poland



Lviv  
Convention  
Bureau

# CERTIFICATE of ATTENDANCE

This is to certify that

**Olena Verenych, Viktoriia Bushuieva, Denis Bushuiev**

attended the XIV<sup>th</sup> International Scientific and Technical Conference

**"COMPUTER SCIENCE AND INFORMATION TECHNOLOGIES"**

**International Workshop on Project Management**

Lviv, UKRAINE, September 17 – 20, 2019

Executive Chairman

prof. Mykola Medykovskyy

IWPM Chairman

prof. Natalya Kunanets

## TRAIN-THE-TRAINER 2022

The certificate is awarded to

NAME Denis Bushuyev

FROM Kyiv National University of Construction and Architecture

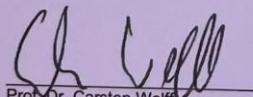
for the successful participation in the

**Train-the-Trainer: problem- and challenge-based learning to  
train essential skills within the project environment for  
teachers**

held from July 4th to July 6th 2022 at Dortmund University of Applied Sciences  
and Arts, Dortmund, Germany.

Topics covered:

- Applying problem- and challenge-based learning (PBL/CBL) for didactics purposes
- Planning, preparing, and conducting "Agile Cross-border" projects with industry involvement for educational purposes
- Selection of relevant project case and prepare it further for the project work
- Building balanced student teams for better training of transversal skills
- Operating "Moodle" as an e-learning environment
- Applying results-oriented evaluation of learning activities



Prof. Dr. Carsten Wolff  
Fachhochschule Dortmund



Co-funded by the  
Erasmus+ Programme  
of the European Union



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



Federal Ministry  
of Education  
and Research

CERTIFICATE

## Dortmund International Research Conference 2022

This certificate is awarded to

**DENIS BUSHUIEV**

for presenting the paper entitled

**“The Sustainable Development Strategic Life Cycle”**

during the session on

**Project Management and Sustainability**

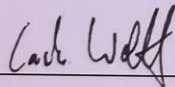
at Dortmund IRC 2022 held from July, 1<sup>st</sup> till July, 2<sup>nd</sup> 2022 at Dortmund  
University of Applied Sciences and Arts.

The conference included daily sessions on different topics (such as project management and sustainability; digital transformation; education, workplace and employability), workshops, keynote speeches, and interactive activities.

The organisers would like to thank the participant for the creativity, dedication, and active participation that made the conference such a great learning experience.



Prof. Dr. Christian Reimann (Conference Chair)  
Dortmund University of Applied Sciences and Arts



Prof. Dr. Carsten Wolff (Conference Chair)  
Dortmund University of Applied Sciences and Arts



Deutscher Akademischer Austauschdienst  
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