

Members of the **International Programme Committee** are experienced scientists, scholars, researchers in the field of ICT and distance learning from a number of countries in Europe and worldwide.

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The conference topics include the following thematic sections:

### 1 E-learning & Artificial intelligence (AI)

- Artificial intelligence (AI), augmented reality (AR), virtual reality (VR)
- SMART Universities. SMART Technology in education
- AI in Education: perspective and challenges
- AI Apps: ChatGPT and Beyond
- Students and teacher competences in area AI
- Ethical and Social Aspects of AI
- Machine Learning. Learning Analytics.
- AI and Cyberspace. Cybersecurity
- Immersive learning environments. Blockchain. ChatBots

### 2 E-learning: Methodology and tools developments

- E-learning and online learning
- Blended learning
- Innovative Educational Technologies, Tools and Methods for E-learning
- Modern ICT Tools for e-learning in the time of Covid-19 and after pandemic – review, implementation, opportunities for effectiveness of learning and teaching
- MOOCs – methodology of design, conducting, implementation and evaluation
- Selected Web 2.0 and Web 3.0 technology
- E-learning and effectiveness using of Learning Management System (LMS), CMS, VSCR, SSA, CSA
- Cloud computing environment, social media, multimedia resources
- Methodological tools. E-tutoring. (Video)tutorial design
- Simulations, models in e-learning and distance learning
- Networking, distance learning systems
- Successful examples of M-learning, e-learning
- Evaluation of synchronous and asynchronous teaching and learning, methodology and good examples

### 3 E-learning in the Transformation of Education in Digital Society

- Contemporary trends in world e-learning in conditions of globalization, internationalization, mobilities
- E-environment and Cyberspace Development of Key and Soft Competences and E-learning
- Effective development of teachers' digital skills
- Key competences and soft skills in the digital society
- Use of e-learning in improving the level of students' digital competences
- E-learning for humanities and social sciences
- E-Learning and Lifelong Learning
- Self-learning based on e-learning and Internet technology
- Legal, social, human, scientific, technical aspects of distance learning and e-learning in different countries
- European and national standards of e-learning quality evaluation
- Psychological and ethical aspects of distance learning and e-learning
- E-collaboration and e-communication in e-learning
- E-environment of the Contemporary University
- E-learning in a sustainable society. Ecosystem and green university
- Comparative approach in research on e-learning

### 4 E-learning and STEAM Education

- Robots and Coding in education
- Internet of things. 3D printing
- STEM education contemporary trends and challenges
- Distance learning in humanities and science
- Quality of teaching, training
- E-learning for science and technologies



## 15<sup>th</sup> Annual International Scientific Conference Online Theoretical and Practical Aspects of Distance Learning

Subtitle: E-learning & Artificial Intelligence

A two-day conference DLCC2023 organized by  
the Faculty of Arts and Sciences of Education in Cieszyn  
Faculty of Information and Materials Sciences in Sosnowiec  
University of Silesia in Katowice (Poland)

Monday 23<sup>rd</sup> and Tuesday 24<sup>th</sup> October 2023

The Conference is organized under the auspices of  
Rector of the University of Silesia in Katowice

Prof. dr hab. Ryszard Koziółek

Dean of the Faculty of Arts and Sciences of Education

Prof. dr hab. Zenon Gajdzica

Director of the Institute of Pedagogy

Prof. dr hab. Katarzyna Marcel

Dean of the Faculty of Social Sciences

Prof. dr hab. Irena Polewczyk

Dean of the Faculty of Science and Technology

Prof. dr hab. Danuta Stróż

Director of the Institute of Computer Science

Prof. dr hab. inż. Rafał Doroz

Co-organizers and Partners:  
University of Ostrava (UO), Czech Republic

Silesian University in Opava (SU), Czech Republic

Constantine the Philosopher University in Nitra (UKF) Slovakia

University of Extremadura (UEx), Spain

University of Twente (UT), The Netherlands

Lisbon Lucíada University (LU), Portugal

Curtin University in Perth (CU), Australia

Borys Grinchenko Kyiv University (BGU), Ukraine

Herzen State Pedagogical University of Russia, St.Petersburg (HSPU), Russian Federation

Dniprovske State Technical University (DSTU), Ukraine

IADIS – International Association for Development of the Information Society, a non-profit association

Polish Pedagogical Society, Branch in Cieszyn

Polish Scientific Society for Internet Education

Association of Academic E-learning, Poland





**Education at the University of Silesia**, Poland has extensive experience in the implementation of distance learning in other departments across the university. The Faculty's Distance Learning Platform operates smoothly and continues to expand. The conference is designed to bring together all agents involved in e-learning – university students, faculty staff, and educators – to explore and share experiences with e-learning and distance learning, both at home and abroad. The partners and the co-organizers of the previous editions of the DLCC conference 2009–2013 include the **University of Ostrava** (Czech Republic), Matej Bel University in Banská Bystrica (Slovak Republic), Silesian University in Opava (Czech Republic), Constantine the Philosopher University in Nitra (Slovak Republic), which are also involved in many activities in the field of e-learning and ICT in particular in the framework of a joint project "E-learning as a road to communicating in the multicultural environment", supported by the International Visegrad Fund (IVF). Among our participants there were researchers and scientists from different countries.

Strengthening and widening the international cooperation led to another international scientific project **IRNet International Research Network for study and development of new tools and methods for advanced pedagogical science in the field of ICT instruments, e-learning and intercultural competences** ([www.irnet.us.edu.pl](http://www.irnet.us.edu.pl)). The project was financed by the European Commission under the 7<sup>th</sup> Framework Programme, within the Marie Curie Actions International Research Staff Exchange Scheme (2014–2017) with participating 10 Universities from 9 countries: **University of Silesia in Katowice** (US), Poland, (Coordinator), **University of Twente** (UT, The Netherlands), **University of Extremadura** (UEX, Spain), Constantine the Philosopher University in Nitra (UKF, Slovakia), **Lisbon Lusíada University** (LU, Portugal), **University of Ostrava** (OU, Czech Republic), **Curtin University** in Perth (CU, Australia), **Borys Grinchenko Kyiv University** (BGU, Ukraine), **Dniprozherzhinsk State Technical University** (DSTU, Ukraine), **Herzen State Pedagogical University of Russia**, St. Petersburg (HSPU, Russian Federation).

The start of the new international project "FITPED – Work-based Learning in Future IT Professionals Education" 2018–2021 ([www.fitped.eu](http://www.fitped.eu)), with participation of Constantine the Philosopher University in Nitra, Slovakia (coordinator), University of Silesia in Katowice, Poland, Pedagogical University of Cracow, Poland, Mendel University in Brno, Czech Republic, University of Las Palmas de Gran Canaria, Spain, Helix5, Netherland, Teacher.sk, Slovakia and "FITPED-AI – Future IT Professionals EDucation in Artificial Intelligence) was determined by the digitization of the society and the automation of many processes which bring new opportunities and types of jobs as well as an important contemporary important direction – artificial intelligence will be one of the fastest-growing areas in the coming years, creating many high value-added jobs. The number of employees employed in the IT sector is continually growing. The employees in the European Union urge that there is an increasing lack of IT specialists, mainly in the field of software development, data analysis and data science. The theme of the conference is: "E-learning & Artificial Intelligence (AI)".

The theme and the priorities of the conference reflect the conceptual principles underlying the modernization of education and the reform of the educational systems in European countries, as well as national development strategies for the 21<sup>st</sup> century. One of the European Union's key educational objectives is the provision of equal opportunities for all with regard to access to learning and knowledge, regardless of gender, financial and physical ability, and place of residence. That is why, distance learning has now been granted a status of high priority. If introduced on a wide scale, distance learning and teaching may make a significant contribution towards the achievement of educational goals in member states.

The official language of the conference is **English**.

### Dissemination of conference proceedings

Conference materials and authors' papers will be reviewed and published in a **monograph** entitled

#### E-learning & Artificial Intelligence

(issued in ISBN catalogue),

15<sup>th</sup> vol. of the publishing E-learning Series

(issued in ISSN catalogue),

ISSN 2451-3644 (print edition),

ISSN 2451-3652 (digital edition),

<https://us.edu.pl/wydzial/wsne/nauka-i-badania/serie-wydawnicze/seria-e-learning/>; <http://www.ig.studio-noa.pl/pubusc.html>



The E-Learning Series is indexed in the international scientific bibliometric databases, in particular, in:

- Web of Science Core Collection, 9<sup>th</sup> vol. 2017, 10<sup>th</sup> vol. 2018 and 11<sup>th</sup> vol. 2019, 12<sup>th</sup> vol. 2020 and 13<sup>th</sup> vol. 2021
- Journal Factor <http://www.journalfactor.org>
- Academic Research Index <https://www.researchbib.com>
- Polska Bibliografia Naukowa <https://pbn.nauka.gov.pl>
- Google Scholar

### International Journal of Research in E-learning (100 points)

<https://www.journals.us.edu.pl/index.php/ijrel>  
[www.ijrel.us.edu.pl](http://www.ijrel.us.edu.pl)

Peer-reviewed journal,

ISSN 2451-2583 (print edition),

ISSN 2543-6155 (digital edition).

IJREL is indexed in the international scientific bibliometric databases, in particular, in:

- ICI Journals Master List – Index Copernicus (ICV = 100 (2020))
- The Central and Eastern European Online Library CEEOL
- Academic Research Index <https://www.researchbib.com>
- Polska Bibliografia Naukowa <https://pbn.nauka.gov.pl>
- DOAJ
- EBSCO
- ERIH PLUS
- Google Scholar
- JIFACTOR.ORG
- CEJSH
- BazHum
- Journal Factor
- CEON
- MIAR
- OAJI
- ESJI



### Conference venue:

**23rd October - Katowice**

**24th October - Sosnowiec, transfer will be provided**



### 23rd October - Katowice

Novotel Katowice Centrum Hotel, Al. Roździeńskiego 16,  
40-202 Katowice



**24th October - Sosnowiec**, Faculty building of University of Silesia Faculty of Sciences and Technologies, Institute of Computer Science in Sosnowiec, ul. Będzińska 39, 41-200 Sosnowiec

### Important dates:

**1st August 2023** – 2nd deadline for submitting registration forms, abstracts, monograph chapters (2023) and IJREL articles (2023). Registration fee

**31<sup>st</sup> August 2023** – 3<sup>rd</sup> deadline for submission of registration forms and the final deadline for submission of IJREL article (2023). Registration fee payment.

**15<sup>th</sup> September 2023** – 4<sup>th</sup> deadline for submission of registration forms and IJREL articles (2024). End of registration fee payment.

**1<sup>st</sup> October 2023** – distribution of the complete conference programme.

### Conference Organising Committee:

Dr hab. Eugenia Smyrnova-Trybulská, prof. US

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### Conference registration fee includes:

- Participation in the conference includes two lunches, dinner, a certificate and publication in:
  - the 15<sup>th</sup> vol. of the E-learning series monograph *E-learning & Artificial Intelligence* or/and
  - *International Journal of Research in E-learning*

Conference Fee Payment before 1<sup>st</sup> August

**580 PLN**  
or  
**130 EURO**

Conference Fee Payment after 1<sup>st</sup> August

**650 PLN**  
or  
**150 EURO**

– Printed book  
Extra charge

**130 PLN**  
or  
**30 EURO**

More options in the registration form.

### The payments (conference fee) should be addressed to:

Uniwersytet Śląski

ul. Bankowa 12, 40-007 Katowice, Poland

ING BANK ŚLĄSKI, Oddział w Katowicach

ul. Mickiewicza 3, 40-092 KATOWICE, Poland

Account number:

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