



IRNet - International Research Network for study and development of new tools and methods for advanced pedagogical sciences in the field of ICT, instrumentally e-learning and intercultural competences  
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10<sup>th</sup> Annual International Scientific Conference  
**Theoretical and Practical Aspects of Distance Learning**  
 Subtitle: **E-learning and Smart Learning Environment for the Preparation of New Generation Specialists**

**DLCC2018 – Wisla, Poland**  
**Monday 15<sup>th</sup> and Tuesday 16<sup>th</sup> October 2018**

The Conference is organized under the auspices of  
**Minister of Science and Higher Education of Republic of Poland**  
**Dr Jarostaw Gowin**  
**Rector of the University of Silesia in Katowice**  
**Prof. dr hab. Andrzej Kowalczyk**  
**Dean of the Faculty of Ethnology and Sciences of Education**  
**Prof. dr hab. Zenon Gajdzica**  
**Director of the Institute of Sciences of Education**  
**Dr hab. prof. US Krzysztof Ślesizki**

Co-organizers and Partners:  
 University of Ostrava (OU), Czech Republic  
 Silesian University in Opava (SU), Slovakia  
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 International Association for Development of the Information Society (IADIS), a non-profit association  
 Polish Pedagogical Society, Branch in Cieszyn  
 Polish Scientific Society for Internet Education  
 Association of Academic E-learning, Poland

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# Certificate

This is to certify

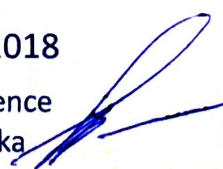
**Maria Gladun**

has attended and participated  
 in the 10<sup>th</sup> International Scientific Conference – DLCC2018  
**Theoretical and Practical Aspects of Distance Learning**  
 Subtitle: **E-learning and Smart Learning Environment  
 for the Preparation of New Generation Specialists**

held from **15<sup>th</sup> to 16<sup>th</sup> October 2018** organized by the Faculty of Ethnology  
 and Sciences of Education in Cieszyn, University of Silesia in Katowice (Poland)  
 contributing with the lecture entitled

## **SELECTED ASPECTS OF IBL IN STEM-EDUCATION**

Cieszyn, 16<sup>th</sup> October 2018  
 Coordinator of the Conference  
 Eugenia Smyrnova-Trybulska



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