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International
Scientific Conference

EDUCATION TECHNOLOGY INFORMATION

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Department of Teacher Education

Institute of Pedagogy

UNIVERSITY OF RZESZÓW

AND

Department of Primary Education

UNIVERSITY OF IOANNINA (GREECE)

PROGRAMME

18th International Scientific Conference

21th September 2021



University of Rzeszów
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10:00 – 10:15, Warsaw time – Opening of the conference

**BRIDGES BETWEEN SCIENCE AND EDUCATION
POLAND – GREECE – EUROPE – WORLD**

Wojciech Walat, Bożena Maj-Tatsis, Konstantinos Tatsis:
Problems of education and science in Covid times

10:15 – 10:55, Warsaw time – Plenary Session (Keynote Speakers and Reports)

CHRISTINE HILCENKO: *Covid tracking apps, over reliance on technology, bias and unfairness*

MIROSLAV CHRÁSKA, JANA MIKOVÁ: *Changes of the risky behaviours on the Internet among students of the Pedagogical Faculty*

<https://teams.microsoft.com/join/19%3aBlqwvnF2762eyrrV72A2uBGx97gfsAmheuQ2UCarOFE1%40thread.tacy2/1630747961658?context=%7b%22Tid%22%3a%2280f4c02e-2264-45f3-b124-20b24047d29b%22%2c%22Oid%22%3a%22d3a22664-21e1-478e-a68b-ee000c6db793%22%7d>



SECTION I



IT problems in Education
11:00 – 12:15 , Warsaw time

Chairpersons: KRYSTIAN TUCZYŃSKI, TOMASZ WARCHOŁ

EVGENIY KOVALEV: *Application of digital data analysis technology in education*

ANNA STOLIŃSKA, MARIUSZ NOGA: *Usability and performance selected configurations of eye tracking sets in Augmentative and Alternative Communication*

RAFAŁ IRENEUSZ WAWER: *Eye-tracking analysis of the ergonomics of an Internet-based educational portal in the acceptance testing proces*

ANNA WARZOCHA: *New media language in children's literature*

SVITLANA KUTSA, TATIANA GALCHAK: *The role of IT education*

ČESTMÍR SERAFÍN: *Online tools for electrical and electronics education*

PETR SIMBARTL: *Preparation and maintenance of HW and SW resources for distance education at the Faculty of Health Care Studies, UWB in Pilsen in terms of easy user accessibility*

NATALIIA ISHCHUK, IRYNA HRACHOVA, VINNYTSIA MYKHAILO: *Incorporating Information and Communication Technologies in Project-Based Learning English for Specific Purposes*

DISCUSSION

<https://teams.microsoft.com/l/meetup-join/19%3aBlqwvnF2762eyrrV72A2uBGx97gfsAmheuQ2UCarOFE1%40thread.tacv2/1630748066588?context=%7b%22id%22%3a%2280f4c02e-2264-45f3-b124-20b24047d29b%22%2c%22oid%22%3a%22d3a22664-21e1-478e-a68b-ee000c6db793%22%7d>



SECTION II



New competences in information society

11:00 – 12:15 , Warsaw time

Chairpersons: TOMASZ WARZOCHA, MARTA PYTLAK

HANNA BATOROWSKA: *Analytical and information competences as an attribute of information security culture of representatives of digital civilization*

JOANNA KANDZIA: *Cognitive aspects in mathematics education*

MAREK MAŁOLEPSZY: *Mathematics exam for future engineers - what and how should we check?*

PETER KOVÁČIK: *Necessity of education contents change for society development*

LOICE VICTORINE ATIENO: *Pedagogical patterns for developing and enhancing computational thinking skills and dispositions in formal learning*

ELŻBIETA MAKOWSKA-CIESIELSKA: *The context of the educational uptake of new technologies in the daily lives of individuals. Conclusions from the first stage of the analysis of the qualitative data collected in the research project*

OLGA FILATOVA, VITALY FILATOV, NIKOLAY SHAMANIN: *Organization and content of the psychological and pedagogical support of students with special health needs at the Vladimir State University*

EKATERINA USENKOVA, OLGA FILATOVA: *A multidisciplinary approach to providing social assistance to the population in Russia*

DENIS FILATOV: *Personal determinants of mental reliability of college students in educational activities*

DISCUSSION

<https://teams.microsoft.com/l/meetup-join/19%3aBlqwvNF2762eyrV72A2uBGx97gfsAmheuQ2UCarOFE1%40thread.tacv2/1630748100680?context=%7b%22id%22%3a%2280f4c02e-2264-45f3-b124-20b24047d29b%22%2c%22oid%22%3a%22d3a22664-21e1-478e-a68b-ee00c6db793%22%7d>



SECTION III



Problems of technical education

11:00 – 12:15, Warsaw time

Chairpersons: WOJCIECH WALAT, WALDEMAR LIB

DANUTA MORAŃSKA: *Effectiveness of projects dedicated to the acquisition and improvement of teachers' competences*

JOZEF PAVELKA: *Pupils' decisions to pursue technical education*

LADISLAV RUDOLF, TOMÁŠ BAROT: *Analysis of University Students' Progresses in Particular Technical Education*

TOMÁŠ BAROT, LADISLAV RUDOLF: *Comparisons of Approaches to Numerical Integration with Application in Technical Education*

WIKTORIA SOBCZYK, MACIEJ CIEPIELA: *The Role of the University in Environmental Education. The Problem of Particulate Pollution in Poland*

NATALIIA RIDEI, NATALIIA TYTOVA, DMYTRO PAVLENKO, OLEKSANDR SLABETSKYI, YURII SEMENYUK: *Professional training of specialists in public management of quality and safety of socio-cultural forms*

OKSANA NAGORNIUK, HALYNA TARASENKO, NADIIA PALAPA, LYUDMILA BEREZOVA, ANASTASIA TAGUNOVA: *Increasing the ecological culture of the rural population of ukraine in conditions of decentralization of power*

PATRYCJA PATER: *Towards an Accessible University for Students with Disabilities - Removal of Architectural Barriers in the Opinion of Staff at Selected Higher Education Institutions in the Podkarpackie Region - Report from the Study*

KATARZYNA KORONA: *Contemporary trends in penitentiary social rehabilitation and the sentence of imprisonment in the statistics of the Ministry of Justice*

MIROŚLAW BABIARZ: *M-therapy – innovative therapeutic method for children and adolescents with disabilities and dysfunctions, opportunities and possibilities*

DISCUSSION

<https://teams.microsoft.com/join/19%3aBlqwvnF2762eyrrV72A2uBGx97gfsAmheuQ2UCarOFE1%40thread.tacv2/1630748135238?context=%7b%22Tid%22%3a%2280f4c02e-2264-45f3-b124-20b24047d29b%22%2c%22Oid%22%3a%22d3a22664-21e1-478e-a68b-ee00c6db793%22%7d>



12:30 – 13:00, Warsaw time

Closing of the conference – discussion and conclusions

<https://teams.microsoft.com/l/meetup-join/19%3aBlqwvnF2762eyrrV72A2uBGx97gfsAmheuQ2UCarOFE1%40thread.tacv2/1630748179979?context=%7b%22Tid%22%3a%2280f4c02e-2264-45f3-b124-20b24047d29b%22%2c%22Oid%22%3a%22d3a22664-21e1-478e-a68b-ee00c6db793%22%7d>