

ICHTML 2021 – A journal of the pandemic year

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Abstract. This is an introductory text to a collection of papers from the ICHTML 2021: Second International Conference on History, Theory and Methodology of Learning, which held in Kryvyi Rih State Pedagogical University, Kryvyi Rih, Ukraine, on the May 12-14, 2021. It consists of short introduction, conference review and some observations about the event and its future.

1 ICHTML 2021: At a glance

The **International Conference on History, Theory and Methodology of Learning** (ICHTML, <https://ichtml.org>) is a regular peer-reviewed international conference [1], which covers interdisciplinary research on education, learning and training, and applications of theories and philosophies used in the sciences of learning and adjacent sciences.

The ICHTML occupies contributions in all aspects of epistemology, psychology of learning, learning theories, learning technologies and tools, paradigms and models and related fields of interest with a emphasis on human and machine learning. The main problematic field of the conference is the current and future issues of modern pedagogical science: psychological and pedagogical, philosophical, socio-cultural aspects of education, learning and training, modern theories, technologies and teaching aids, the emergence of which is determined by globalization, integration processes, social transformations, humanitarian and scientific and technological development. There is urgent general need for principled changes in postclassical education elicited by current theories, models, tools, services, networks and communications.

This volume contains the papers presented at ICHTML 2021: Second International Conference on History, Theory and Methodology of Learning held on the May 12-14, 2021 in Kryvyi Rih, Ukraine.

There were 61 submissions. Each submission was reviewed by at least 3, and on the average 3.2, program committee members. The committee decided to accept 38 papers.

ICHTML 2021 papers are grouped into 3 tracks:

Track 1: History of Learning and Education

- Evolution of Education, Learning and Training (papers [2], [3], [4], [5])
- Personalalia (paper [6])

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- World Trends in Learning, Training and Education Development (papers [7], [8])

Track 2: Learning Theories

- Analytical Psychology and Learning (papers [9], [10])
- Assessment in Learning (paper [11])
- Development and Learning (papers [12], [13], [14], [15], [16], [17], [18], [19])
- Discourse and the Production of Knowledge (papers [13], [20], [21])
- Philosophy of Learning (papers [22], [23])
- Psychology of Learning (papers [9], [24], [25])

Track 3: Learning Methodology

- Learning Technology (papers [3], [26], [27], [28], [29], [30], [31], [32], [22], [33], [34], [35], [36], [37])
- Sociology of Education (papers [38], [39])

2 ICHTML 2021: Venue

Kryvyi Rih State Pedagogical University (<https://kdpu.edu.ua/en>) is one of the leading institutions of higher education in the education system of Ukraine. The University has more than 90-year experience in training generations of specialists for the state and public needs (figure 1).

Today the University is a center of education and science in Kryvyi Rih, as well as a center of culture because, in addition to Pedagogical specialties at all three educational levels, Kryvyi Rih State University trains specialists in tourism, ecology, it also prepares philologists, translators, historians and jurists, designers and choreographers for educational institutions of the city and region.

Kryvyi Rih State Pedagogical University has a long history, ancient traditions and it cherishes them up to this day. It was founded in 1930 as an institute of vocational education, but over time the number of specialties, which



Figure 1. Kryvyi Rih State Pedagogical University logo

applicants studied at, as well as the status of the institution increased: Kryvyi Rih State Pedagogical Institute, and since 2001 – Kryvyi Rih State Pedagogical University. In 2011–2015 KSPU functioned as a structural unit of the Kryvyi Rih National University, and since 2016 as Kryvyi Rih State Pedagogical University. Currently, the university trains specialists in 30 specialties of the first (bachelor's) level, in 19 specialties of the second (master's) level and in 14 specialties of the third (educational and scientific) level.

The university has 8 faculties: Ukrainian Philology, Foreign Languages, Geography, Tourism and History, Preschool and Technological Education, Physics and Mathematics, Science, Psychology and Pedagogy and the Faculty of Arts, which includes Music and Pedagogy, Art and Graphic departments. The university conducts research in four areas: Mathematical and Natural Sciences (Primarily Physics and Ecology), Social Sciences (Pedagogy, Sociology, Psychology), Humanities (Philology, Philosophy, History) and Biology. The educational process is provided by 29 doctors of sciences, professors, 219 candidates of sciences, associate professors.

The university has international contacts with more than 30 higher education institutions and research institutions in foreign countries. Researchers and applicants participate in international projects and European academic mobility programs.

Despite the pandemic and economic difficulties in the country, the university is dynamically developing and advancing in the domestic rankings among higher education institutions. Thus, Kryvyi Rih State Pedagogical University maintained and, according to some indicators, improved its position in 2020. KSPU is on 36th place out of 190 universities according to the rank of Scopus (for comparison: 2019 – 91), in the TOP-200 on 75th (2019 – 157), and in the consolidated ranking – 101–105 (2019 – 148–151), which we shared with other universities, from 24. In 2019 KSPU entered the top ten pedagogical universities of Ukraine, and in 2020 consolidated its position and now it takes the 8th position in the consolidated ranking.

In 2018 KSPU data were added to another rating, namely: U-Multirank 2018/19. In 2020 Kryvyi Rih State Pedagogical University improved its indicators and rose from 89th place to 71 out of 176 universities.

3 ICHTML 2021: Program committee



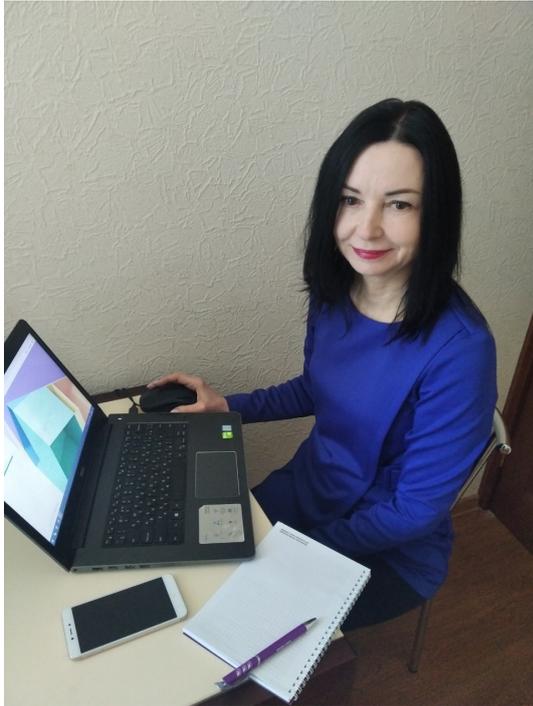
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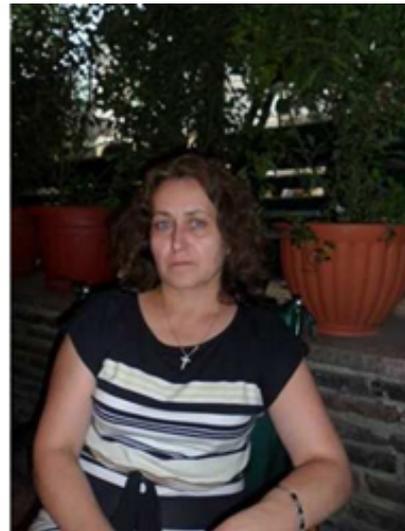
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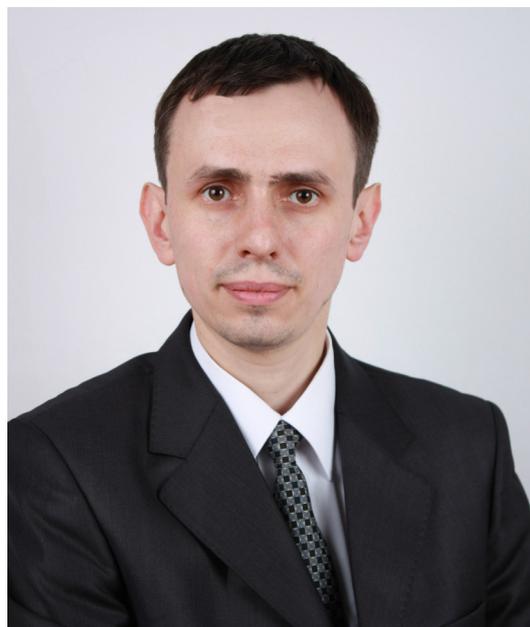
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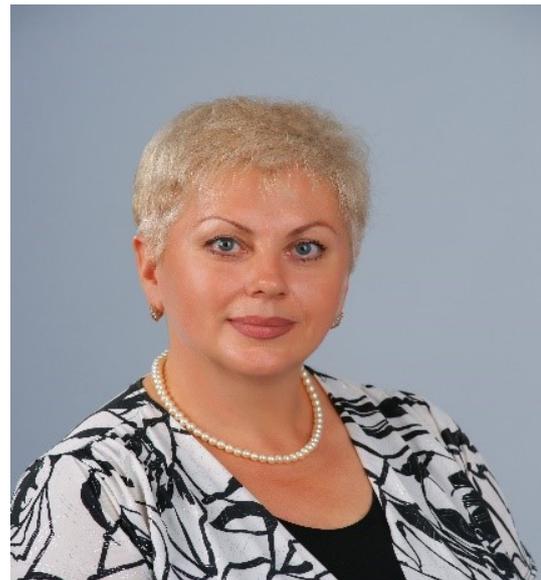
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4 ICHTML 2021: Conclusion and outlook

The vision of the ICHTML 2021 is to create a leading interdisciplinary platform for researchers, practitioners and educators, to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of learning.

The conference is a successfully performing forum to transferring and discussing research result among the academics, students, teachers, government, private sector or industries. Participants and presenters from several countries such as Czechia, Finland, Netherlands, Poland, Russia, Slovakia and Ukraine have attended the conference to share their significant contribution in research related to the History, Theory and Methodology of Learning.

We are thankful to all the authors who submitted papers and the delegates for their participation and their interest in ICHTML as a platform to share their ideas and innovation. Also, we are also thankful to all the program committee members for providing continuous guidance and efforts taken by peer reviewers contributed to improve the quality of papers provided constructive critical comments, improvements and corrections to the authors are gratefully appreciated for their contribution to the success of the conference. Moreover, we would like to thank the developers and other professional staff of *Not So Easy Science Education* platform (<https://notso.easyscience.education>), who made it possible for us to use the resources of this excellent and comprehensive conference management system, from the call of papers and inviting reviewers, to handling paper submissions, communicating with the authors etc.

We are looking forward to excellent presentations and fruitful discussions, which will broaden our professional horizons. We hope all participants enjoy this conference and meet again in more friendly, hilarious, and happiness of further ICHTML 2022.

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