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International scientific conference for the students of doctoral studies

Teachers4Future

Schedule

9th – 10th November 2021

Faculty of Education, Palacký University in Olomouc



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Organization information

All parts of the conference will take place **in the building of Faculty of Education, Palacký University** at Žižkovo náměstí 5 in Olomouc.

The attendance of participants will take place in the lobby area.

The opening of the conference and plenary session will take place in the **new auditorium of Faculty of Education** (on the ground floor in the new part of Faculty of Education, opposite to the main entrance of the faculty).

The poster presentation will take place on Tuesday 9th of November **in three parallel sections** in rooms **P6** (older part of the building, ground floor on the right), **N14** and **N15** (new part of the building, 1st floor, on the right site).

The presenters are expected to give **a brief information on the poster** (10 minutes). There will be **a free discussion** with those interested in the poster topic. Presentation of the poster therefore requires **a personal presence of the author** within the setted time.

Certificates will be handed over to active participants after each session of the relevant section.

The active participants of the conference will be allowed **to post their posters half an hour before the session starts**. There will be clips, tapes, and scissors on the spot.

Please remove your poster **immediately after the session is over**. If you do not want to take it, you can leave it in the cloakroom (the poster will be displayed in the building of Faculty of Education).

The workshops will take place on Wednesday 10th of November morning in room **N25** (new part of the building, 2nd floor). The workshops are open not only to **registered participants**, but **in the case of free capacity**, in agreement with the lecturer, also for **other interested persons** from among academics, conference participants and students.

All conference participants are also warmly invited to other **workshops** held as the part of the weekly meeting of the **WAVE-IT project: Working Academics Value Excellence for International Teachers**.

On Tuesday the participants might use **the cloakroom** in the lobby of the new auditorium.

In the premises of Faculty of Education, it is possible **to connect to the Internet** (WiFi upol, password **wifiup2022**).

Additional information is available at **www.scup.cz**.

After the conference, you can also generate a **certificate of participation in the conference** on these web pages (for the purpose of billing the travel costs etc.).



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Conference schedule

Tuesday 9th November 2021

- 08.00 – 09.00 **registration of the participants** (*in the lobby of Faculty of Education*)
- 09.00 – 09.15 **opening ceremony** (*new auditorium of Faculty of Education*)
- 09.15 – 11.30 **keynote speakers** (*new auditorium of Faculty of Education*)
(moderator doc. PhDr. Tomáš Čech, Ph.D.)
- **doc. PhDr. Josef Malach, CSc.**
(Faculty of Education, University of Ostrava)
Educational challenges and trends, pedagogical innovations and future teachers
 - **doc. PhDr. Vojtech Regec, Ph.D.**
(Faculty of Education, Palacký University in Olomouc)
Current opportunities at doctoral schools' platforms
 - **associate professor Paul Stuit & Henny Oude Maatman**
(Saxion University of Applied Sciences, Enschede, Netherlands)
A reflective practitioner in an ever-changing world
- 11.30 – 13.00 lunch break
- 13.00 – 16.30 **poster presentations** (*rooms P6, N14, N15*)
- 16.30 end of the first day of the conference and free discussion

Workshop within the WAVE-IT project meeting

- 14.00 – 15.00 **prof. Heiko Haas-Vogl, BEd MA**
(Pädagogische Hochschule Steiermark, Graz, Austria)
WAVE-IT: How to create the school project
(*room P7*)



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Conference schedule

Wednesday 10th November 2021

- 08.30 – 09.30 **doc. Mgr. Štefan Chudý, Ph.D.**
(Faculty of Education, Palacký University in Olomouc)
***Academic educational skills – teaching excellence improvement,
academic research skills – research excellence improvement
and drop-out of students***
(room N25)
- 09.45 – 11.00 **Danping Peng, Ph.D.**
(Faculty of Education, Palacký University in Olomouc)
Leading learning: how to explore your mode of learning
(room N25)
- 11.15 – 12.30 **Scott M. Waring, Ph.D.**
(University of Central Florida, USA)
Teaching with primary sources
(room N25)
- 12.30 end of the conference and free discussion

Workshops within the WAVE-IT project meeting

- 13.30 – 15.15 **Ingrid Agud Morell, PhD., Angelina Sánchez Martí, PhD.**
(Universitat Autònoma de Barcelona, Spain)
***Promoting teacher's social entrepreneurship in primary schools
and in teacher education***
(room P7)
- 15.30 – 19.30 **docent Marjolein De Vos**
(Saxion University of Applied Sciences, Enschede, Netherlands)
21st century skills in teacher profession
(room P7)



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Tuesday 9th November 2021

Section 1 (1st part)

Chairman: **doc. PhDr. Martina Fasnerová, Ph.D.**
Time of presentation: **13.00 – 14.30**
Room: **N14 (new part of the building, 1st floor on the right)**

Language advising investigated: pilot study report

Mgr. Martina Šindelářová Skupeňová

Since language advising is a pedagogic tool introduced to support autonomous learning, it needs to be investigated as a process, as a specific form of interaction between a student and an advisor that takes place over some time and that is focused on student's language learning. The poster presents a pilot analysis of language advising sessions conducted in the English autonomously course at Masaryk University. The aim of the pilot study was to test data collection and analysis instruments and procedures that can be used to research how the advising sessions support individual students in their autonomous learning. The pilot study results in creating more specific learner autonomy assessment criteria as well as in recommending more guidance for student's reflection.

Creative teaching approach during the pandemic times

Mgr. Hana Blažková

In the article we will focus on creative teaching during the times of coronavirus. The change in form of teaching for pupils means more responsibility and more individual work. Highly significant is the usage of social media for creating networks that serve to facilitate online communication. Therefore, we will deal with the artistic creativity and how it helps to overcome the barrier of the mingling of the two worlds of offline and online teaching. In the online environment pupils are given the opportunity to use skills which are not directly related to subject and to explore their creativity and fantasy. Digital technologies offer huge potential for integration of creative teaching in all spheres of education. However, they should not replace pupil's skills to ask questions, experiment and solve problems (NÚV, 2021). Through methods of qualitative research, we will investigate which role creative teaching plays and how it differs from other approaches to primary education.



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Support for arts education for equal opportunities in the arts for pupils with SEN

Mgr. Pavel Sochor

Action research was carried out within the project Support for Art Education for Equal Opportunities. The research design was focused on the practice and increasing the quality of teaching. The chosen action research was a tool for reflection and improvement of the teachers' own practice by the teachers themselves. The presented results are focused on inclusive approaches for teachers in the art field at ZUŠ, ZŠ and SŠ.

Scale chord theory in modern harmony for Latin American musical styles reharmonization in elementary art school ensemble arrangements

Mgr. Ernesto Javier Beltrán

The doctoral thesis deals with detailing tools and concepts offered by so-called modern contemporary harmony, emphasizing its fundamental aspect, the scale-chord theory. It then integrates those concepts with several heptatonic scale organization systems, thereby establishing harmonic contexts to have more options for expanding reharmonization possibilities. Moreover, it also analyses questions about reharmonization in cadences, harmonic movements, and progressions in specific Latin American musical styles. It deals with detailing reharmonization tools, showing an increase in harmonic options. Some of these options are applied in the reharmonization of harmonic movements in fragments of Latin American music and application for musical arrangements in ensembles for the elementary art school.

Barriers to the compulsory pre-primary education in Slovakia trough the kindergarten teacher's point of view

Mgr. Dominika Molnárová

The main aim of this article is to present the identified framework topics of discussions on the social network, which are related to potential obstacles to the implementation of compulsory pre-primary education in Slovakia. By content analysis we identified following topics: (1) increased administrative burden, (2) insufficient spatial capacity of the kindergartens, (3) inefficient management of the kindergartens, (4) insufficient staff capacity of the kindergartens, (5) lack of support staff and (6) negative attitudes of kindergarten teachers. Topics we discuss with the results of Czech studies focused on the impacts of compulsory pre-primary education, which were carried out after the introduction of this change.



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Tuesday 9th November 2021

Section 1 (2nd part)

Chairman: **doc. PhDr. Martina Fasnerová, Ph.D.**
Time of presentation: **15.00 – 16.30**
Room: **N14 (new part of the building, 1st floor on the right)**

Healthy school snack

Mgr. Klára Barancová, DiS.

It is very important, that children are built solid foundation of their future health from an early age. Without doubt, one of the many ways of keeping the children healthy is a proper diet. The way of eating, which the child acquire will significantly influence his quality of life in the next stages of his development. Contributing to learn these foundations might be already possible in everyday activities at primary school. Theses focus on one of the field of diet, and that is how the healthy and balanced snack should look like. By using method of analysis of dietary records of primary schools' children, the detailed analysis of snacks has become the subject of the study. For completeness, the research was supplemented by interviews and anthropometric research.

The phenomena of emerging adulthood in lives of present-day young adults

Mgr. et Mgr. Tereza Hormandlová

The thesis captures people's experiences in the transition from adolescence to adulthood through qualitative research. According to sociologists, psychologists and philosophers and other experts, the period of the emerging adulthood, which was not represented in previous generations, is defined by characteristics such as uncertainty, variability, instability, the search for one's own identity and autonomy. The experience of five young people with the phenomenon of emerging adulthood was examined using interpretative phenomenological analysis (IPA). The research group included two men and three women, located during the period of the emerging adulthood (20 – 29 years). The survey shows that many young people see this period as a transitional period and consider adulthood to be a long-term individual process. Perception of adulthood has become a key category. This category is complemented by topics such as identity, self-realization, relationships, study, career, autonomy, search, and expectations, etc.



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Determinants of academic achievement following from secondary education

Mgr. Bc. Eva Sedláková

This study deals with the determinants of secondary education. The research involved 380 students of the Faculty of Education of the University of Prešov in Prešov (Slovakia) aged 19 – 49 years. The research aims to find out whether there are significant differences between students of the Faculty of Education of the University of Prešov in Prešov within the determinants of the previous level of education, i.e.: type of secondary school studied, honors in high school and smooth transition from high school to university. The Academic Achievement Questionnaire was used as a research method. Data were analysed in SPSS statistical software using descriptive statistics and independent t-test

Professional identity of social work students

Mgr. Miloslava Šotolová

The dissertation thesis project entitled Factors influencing the construction of professional identity in students of social work within the undergraduate study deals with the current topic of identity formation in students of social work within tertiary education. The main focus of the theoretical part is the concept of identity which is fundamental for understanding professional (personal) identity, which is to great extent influenced by educational institutions. The empirical part concentrates on the specific teaching content and forms (methods) important for the process of professional identity formation. The project aims to identify the factors that influence the construction of professional identity in students of social work within the undergraduate study. In other words, how a social work student is transformed into a social worker through tertiary education.

Perception of full-time teaching in comparison with distance teaching from the point of view of Chinese university students

Mgr. Daniel Ecler

This paper deals with the perception of the differences between classical full-time and distance learning through the eyes of Chinese university students. Using a semi-structured questionnaire, it was found out what attitudes of individual research participants have to the issues of using different types of platforms, what role the camera plays in the teaching process, what technical equipment they have, what difficulties they encounter during distance learning, what disadvantages they see in distance learning and vice versa. what are the advantages of this form of teaching, or whether and how these advantages could be implemented in full-time teaching. The data obtained by this research survey will be further worked on in a comparative study with the results of a similar survey conducted in the Czech university environment.



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Tuesday 9th November 2021

Section 2 (1st part)

Chairman: **PhDr. Jitka Plischke, Ph.D.**
Time of presentation: **13.00 – 14.30**
Room: **N15 (new part of the building, 1st floor on the right)**

One learns by mistakes?

Mgr. Ing. Petra Ležáková, MBA

To express themselves without mistakes has been an aim of language students and teachers for ages. This poster deals with the basic theoretical background of errors and states hypotheses and research methods of the dissertation which is about to appear with the topic of errors in German caused by interference of the English and Czech language in the written form of university students' assignments. The main part of the poster examines various research methods of Czech and foreign authors with similar topics which should inspire the author in writing her dissertation.

The conceptual analysis of a topic an invertebrate animal reproduction in Czech primary science textbooks of natural history

Mgr. Kateřina Radana Drbalová

The paper summarizes the results of a frequency conceptual analysis of all 16 Czech primary science textbooks of natural history intended for pupils of 4th and 5th grade for teaching an educational area Diversity of Nature. The conceptual analysis was focused on expressions related to the topic an invertebrate animal reproduction. The research aim was a conceptual profile mapping of the textbooks. The obtained results provide an overview of a conceptual character and a frequency of concepts used. Authors of 16 textbooks use a total of 25 terms ranging from 3 to 19. An average number of the concepts used is 11. A number of concepts used in a half of all textbooks avers 36 % of the total number. A unique term constitutes the same quotient.

Research of high school history textbooks

Mgr. Monika Suková

This study shows an overview of textbook research focused on the educational field of history and enumerate research methods which research the quality of textbooks with regard to the approval clause of the Ministry of Education, Youth and Physical education.



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Didactic game focused on the period of Czech National Revival applicable during distance teaching (anticipated concept)

Mgr. Gabriela Vlasáková, Mgr. Lucie Zušťáková

The main goal of the grant project is to create a didactic game exploitable in pursuance of high school education in the classical as well as distance form of education. The result of the grant project will be a didactic game, whose application in teaching makes possible complete explication of the literary-historical context of the Czech National Revival. The proposed didactic game reflects the current requirement of gaining knowledge, not only by memorizing or mechanical coding, but it offers the opportunity for gain knowledge on the game principle. Thanks to the game principle, teaching is not limited by the transfer of information between students and teacher, but students have an opportunity to acquire new knowledge and skills on activity-based teaching (through their own activity). The grant project also responds to the increasing current need to modernize teaching and connecting teaching with modern technology such as smartphones, tablets, virtual reality, etc.

Digital game through the IOTOYS

Mgr. et Mgr. BcA. Marie Bajnarová, Ph.D.

In general, a game can be considered a basic activity of children's self-realization because it is based on an inner impulse and reflects the conditions in which the children find themselves and it is originally set according to each child's dispositions and its form changes over time and society. Traditional child's play in combination with digital gaming can be intertwined and new playful realities "here and now" can be created in a creative way, based on children's unique imagination, collective games, and experience. The review study focuses on digital gaming through toys called the Internet of Toys (IoToys).



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Tuesday 9th November 2021

Section 2 (2nd part)

Chairmen: **PhDr. Jitka Plischke, Ph.D.**
Mgr. Jitka Nábělková, Ph.D.

Time of presentation: **15.00 – 16.30**

Room: **N15 (new part of the building, 1st floor on the right)**

Evaluation of the teaching environment in midwifery

Mgr. et Bc. Pavla Svobodová

Practical teaching in the clinical teaching environment in midwifery forms an important part of the education of midwifery students. In order to successfully manage professional practical training, quality theoretical preparation of students, careful organization, and guidance of students by qualified mentors are necessary. The main goal of the research was to find out how midwifery students evaluate the practical teaching environment and the role of the mentor in the clinical teaching environment in midwifery using a non-standardized questionnaire survey focused on the teaching environment and the role of mentor in clinical practice in midwifery. It contained 18 research questions. The research survey was attended by 92 students of midwifery of the 1st – 3rd year. Statistical analysis of data was performed from a total of 82 questionnaires. The majority of students positively assessed the environment of clinical teaching in midwifery as a good teaching environment.

Curriculum of school accommodation facilities

Mgr. Alena Knotková

The theoretical study focused on approaches to the curriculum in school accommodation facilities. The aim of the study is to specify and summarize attitudes to curricular documents in youth homes, boarding schools and school boarding schools in the Czech Republic and Slovakia. Methods of analysis were used to determine the specification of individual approaches to the curriculum and then synthesis to summarize the data obtained from both countries.



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Online platforms as a tool for enhancing English language proficiency by future teachers of English

Mgr. Barbora Bačíková

The poster aims to introduce the results of a qualitative research conducted among future teachers of English at the Faculty of Education of Palacký University. The research attempts to map 10 students' habits and strategies they implement to enhance their knowledge of English. It also provides a comprehensive overview of online applications, websites and other internet-based tools that are most commonly used by the respondents for the purpose of improving their English language proficiency.

The possibilities of school counselling facilities in providing ABA therapy

Mgr. Lucie Vrbová

The paper, an example of good practice, will discuss the possibility of implementing Applied Behavioral Therapy in the school environment according to current school legislation from the perspective of a special educator.

Development of higher cognitive processes as a prerequisite for the improvement of pupils' level of critical thinking

Mgr. Lenka Šutovcová

In education, the development of critical thinking is a long-term process, which needs to start in early childhood. In connection with improvement of pupils' level of critical thinking in the educational process, it is important to focus primarily on the development of higher cognitive processes, which are hierarchically arranged within the revised Bloom's taxonomy of educational goals. The prerequisite for the development of cognitive processes is the knowledge of the relevant active verbs, which define the individual categories of Bloom's taxonomy. Based on these active verbs, we can identify which cognitive abilities should be developed and what level of cognitive processes is needed to master the learning content. With help of a questionnaire survey, the aim of this paper in the form of a poster is to find out the degree of development of cognitive processes by teachers in primary school pupils in Slovakia.



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Section 3

Chairmen: **Danping Peng, Ph.D.**
Mgr. Vlado Balaban, Ph.D.

Time of presentation: **13.30 – 15.00**

Room: **P6 (older part of the building, ground floor on the right)**
the meeting of the section takes place partly **online**
in the virtual room <https://bbb.upol.cz/b/bal-2wl-u6b-195>

What are the causes of negative results in education in German schools and kindergartens for children in the age of 2 – 12 years?

Magister Kerstin Knees

Although more investments are being made, new day-care centres are being built, numerous support programmes for primary schools such as „individual support“, „centres for the promotion of gifted students“ etc. have been launched, the level of education of children is increasingly suffering and the number of primary school pupils who achieve mediocre to poor performance results is increasing significantly. This can be recognized by clear reading and spelling weaknesses, mathematics weaknesses, deficits in science education, i.e., the level of education in Germany/NRW is falling. Central audits are carried out annually in schools to highlight these shortcomings. In addition to the school backlogs and the lack of language competence, behavioural deficits also become apparent. Rules of social coexistence are increasingly being dissolved. The aim of our contribution is therefore to find the reasons of the negative education results in the early childhood until the age of 12. To achieve this goal, the following methods are used: Interviews with teaching personal, parents, organisations; Video-analysing of the children in the institutions, comparison of the institutions. The obtained data will be overwritten and analysed (qualitative and quantitative analysis).

Curriculum development, teacher commitment and motivation – case study of three nursing schools in Germany

Magister Nadja Atherton

We have an acute teacher shortage in Germany in our regular as well as in nursing schools. From the position of the founder of three nursing schools in the Ruhr Valley of Germany, I ask myself to what extent curriculum development impacts motivation and commitment in teachers. In the thesis, existing literature will be involved, and the current state of research will be described. The main question of my dissertation research is: Is there a connection between motivation, commitment, and curriculum development amongst teachers? To answer



this question, these methods will be used: questionnaire, interviews with teachers, analysis of curricular documents. Several focal points, including philosophical and educational aspects, are to be ascertained, worked out and systematically put in relation to one another

Comparison of leisure time physical activities before, during, and after COVID-19 in different continents

Master Maryam Pourpakdelfekr, Abdolreza Oboudi, PhD.

The COVID-19 pandemic forced people to alter their daily routines, including exercise habits, and imposed huge limitations on the individual's leisure activities. This study aims to assess these changes, before and during the pandemic. Data was collected by sending an electronic questionnaire to the participants from different continents. Findings indicate negative effects on physical activities. There was a significant difference between the BMI of participants before and during the pandemic ($t = 14.273$, $Sig = .000$). The pandemic has led to increasing the participants' weight significantly. Accordingly, 30 % of the participants were regularly working out in the gyms before the pandemic. 27 % continued their activities at home, during the pandemic. Although taking part in group leisure activities is supposed to be highly beneficial, it is not sensible, during the pandemic. Thus, online group physical activities are an adequate alternative to avoid seclusion and depression.

Social aggression in groups of preschool children and its elimination through preventive strategies and programmes

Mgr. Monika Homolová

One of the first steps in supporting healthy social relationships in groups of early aged children of is the prevention in the form of specific programs and strategies. The specific work with groups of children in model situations to reach healthy social relationships is a common part of kindergarten school programs abroad. In our conditions, the implementation of preventive strategies to support the social relationships of preschool children is significantly understated in comparison with the surrounding countries. The main purpose of this article is the theoretical analysis of selected existing prevention programs and strategies focused on reducing social aggression in groups of pre-schoolers. It is a proposal to eliminate social aggression in Slovak kindergarten by the form of prevention strategies and programs.

Perception of teacher competencies in kindergarten

Mgr. Beáta Pošteková

The aim of the work is to develop a proposal to explore the teacher's authentic potential of pre-primary education. The teacher's development and perception of potentials can be deepened for her working life and for her personal as well. The goal of research is making theoretical definition of terms. Focusing on her profession competence will be based on self-assessment. The research sample will consist of teachers of state Slovak and Icelandic kindergartens. In the context of linguistic-communicative, literary, and scientific competences, we want to examine the perception of the teacher's own potential. We can specify not only the common, but also the different perceptions of education, upbringing, children, and teachers by comparison



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of the state educational programs of the Slovak and Icelandic republics. We want to find out perception of teachers professional, social, and cultural potentials by research, that is based on observation, semi-structured interview, Self-efficacy method and other.

University teacher and his (non)quality

PaedDr. Magdaléna Kremnická

The contribution analyses the issue of personal and professional (non)qualities of the university teacher from the point of view of university students of the pedagogical faculty of the University of Matej Bel in Banská Bystrica. As a research tool, we chose a non-standard electronic questionnaire of our own construction processed and modified according to M. Blašková from the University of Žilina with her consent. The paper presents the results of a survey carried out on a sample of 60 MFD UMB students in BB in different study programmes and fields, as well as at different levels of their higher education studies. The contribution was created thanks to the financial support of the Scientific Grant Agency of the Ministry of Education of the Slovak Republic and the Slovak Academy of Interior within the project VEGA 1/0794/19 Professional identity and quality of university teacher in contexts of andragogic competence.



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