



Pedagogická
fakulta

Univerzita Palackého
v Olomouci

Palacký University in Olomouc
Faculty of Education
Department of Technical Education and
Information Technology

in cooperation with



The Czech Pedagogical Society
(Česká pedagogická společnost, ČPDS)

invites you to the international scientific-technical conference

TRENDS IN EDUCATION

**Technology, Informatics and Innovations in Education across
Disciplines**

The patronage of the Conference has been assumed by

The Rector of Palacký University in Olomouc
Prof. Mgr. Jaroslav Miller, M. A., Ph.D.

and

The Dean of the Faculty of Education, Palacký University in Olomouc
doc. Ing. Čestmír Serafin, Dr. Ing-Paed IGIP.

Conference focus:

- *Robotic automation and digitization of production systems as a prompt to innovate technical education.*
- *The teaching content of the informatics as a school subject or who, what and how to teach?*
- *The importance of the teacher's personality at the time of expansion of digital educational technologies to schools.*
- *Educational innovations across disciplines – impulses for pedagogical theory and practice.*

The event date: 16 - 18 May 2018

The venue: Slatinice, the district of Olomouc

Institutions Participating in the Organisation of the Conference:



Department of
Mathematics, Physics, and
Technical Education
Faculty of Education
University of West
Bohemia in Pilsen



Department of Technical
Education and Information
Technology
Faculty of Education
Masaryk University in
Brno



Department of Didactics
and Educational Systems,
Faculty of Pedagogy,
University of Rzeszów



Department of Technology
and Information
Technologies of Faculty of
Education
University of Constantine
the Philosopher in Nitra



Department of Technology
and Information
Technologies
Faculty of Natural Sciences
Matěj Bel University in
Banská Bystrica



The Department of Pre-
Primary and Primary
Education
Faculty of Education
Comenius University
in Bratislava



Institute of Education and
Social Studies
Faculty of Education
Palacký University in
Olomouc



Department of Computer
Science
Faculty of Science, J. E.
Purkyně University in Ústí
nad Labem

International Scientific Committee of the Conference

Prof. PaedDr. Milan Ďuriš, CSc., Univerzita Mateja Bela, Banská Bystrica, SK
Prof. UR Dr. hab. Waldemar Furmanek, Uniwersytet Rzeszowski, Rzeszów, PL
Prof. PaedDr. Alena Hašková, CSc., Univerzita Konštantína Filozofa, Nitra, SK
Prof. zw. dr hab. Stanisław Juszczyk, Uniwersytet Śląski, Katowice, PL
Prof. PhDr. Mária Kožuchová, CSc., Univerzita Komenského, Bratislava, SK
Prof. UP Dr. hab. Henryk Noga, Uniwersytet Pedagogiczny Krakow, PL
Prof. PaedDr. Jozef Pavelka, CSc., Prešovská univerzita, Prešov, SK
Prof. Ing. Ján Stoffa, DrSc., professor emeritus, Univerzita Palackého, Olomouc, CZ
Prof. Ing. Veronika Stoffová, CSc., Univerzita Palackého, Olomouc, CZ
Prof. PhDr. Eva Šmelová, Ph.D., Univerzita Palackého, Olomouc, CZ
Prof. UR Dr. hab. Wojciech Walat, Uniwersytet Rzeszowski, Rzeszów, PL
Doc. PaedDr. Jana Depešová, PhD., Univerzita Konštantína Filozofa, Nitra, SK
Doc. PaedDr. PhDr. Jiří Dostál, Ph.D., Univerzita Palackého, Olomouc, CZ
Doc. RNDr. PaedDr. Hashim Habiballa, PhD., Ph.D., Ostravská univerzita, Ostrava, CZ
Doc. PaedDr. Jarmila Honzíková, Ph.D., Západočeská univerzita, Plzeň, CZ
Doc. PhDr. Miroslav Chráska, Ph.D., Univerzita Palackého, Olomouc, CZ
Doc. Mgr. Štefan Chudý, Ph.D., Univerzita Palackého, Olomouc, CZ
Doc. PhDr. Milan Klement, Ph.D., Univerzita Palackého, Olomouc, CZ
Doc. Ing. Kateřina Kostolányová, Ph.D., Ostravská univerzita, Ostrava, CZ
Doc. PaedDr. Jiří Kropáč, CSc., Univerzita Palackého, Olomouc, CZ
Doc. RNDr. Zuzana Kubincová, PhD., Univerzita Komenského, Bratislava, SK
Doc. Zoltán Póor, PhD., Szécsenyi University, Győr, HU
Doc. Dr. Judit Robu, PhD., Babeş-Bolyai University, Cluj-Napoca, RO
Doc. Ing. Čestmír Serafín, Dr. Ing-Paed IGIP, Univerzita Palackého, Olomouc, CZ
Dr. habil. Ing. István Szőköl, PhD., Univerzita J. Selyeho, Komárno, SK
Doc. PaedDr. Jiří Vaníček, Ph.D., Jihočeská univerzita, České Budějovice, CZ
Doc. Dr. László Zsakó, PhD., Eötvös Loránd University, Budapest, HU
Ing. Zdeněk Hodis, Ph.D., Masarykova univerzita, Brno, CZ
PaedDr. Ján Stebila, PhD., Univerzita Mateja Bela, Banská Bystrica, SK

Guarantors of the Conference:

Doc. PaedDr. PhDr. Jiří Dostál, Ph.D. – the guarantor of the Conference and Chairman of the Czech Pedagogical Society – the Olomouc branch.

Prof. Ing. Veronika Stoffová, CSc. – the guarantor of the specialization in informatics and information technologies.

Doc. Ing. Čestmír Serafin, Dr. Ing-Paed IGIP – the guarantor of the specialization in technical education.

Prof. PaedDr. Alena Hašková, CSc. – the guarantor of the specialization in educational technologies.

Doc. Mgr. Štefan Chudý, Ph.D. – the guarantor of the specialization in educational innovations.

Organisational Committee:

Mgr. Martin Havelka, Ph.D. – the primary point of contact martin.havelka@upol.cz

Mgr. Pavlína Částková, Ph.D.

Aim of the Conference:

The topics of the section meetings, which the Conference will be divided into following the plenary session, will correspond to the focus of the Conference. The aim is to create an interdisciplinary space for the presenting of the issues being studied, research results and impulses for innovations in educational theory and practice. The emphasis is put on networking and creating research teams. The conference is primarily intended not only for long-term research workers in the field of education, but also for novice researchers (Ph.D. students). Participants from related fields and disciplines are welcome.

Ways of presenting papers and publication outputs:

Conference papers can be presented in the following ways:

- 1) face-to-face lecture,
- 2) poster presentation with personal attendance,
- 3) poster presentation without personal attendance (delivery of a poster in a printed version to the organizer's address will be ensured by the author, the displaying of a poster at the Conference venue will be ensured by the organizers),
- 4) virtual attendance (on-line).

The abstracts of all the papers presented at the Conference in any manner will be published in **printed abstract proceedings** which will be issued before the date of the conference.

The papers will be published in the *JTIE* (ISSN 1803-537X) and *Trendy ve vzdělávání* (ISSN 1805-8949) magazines. All the papers published in the magazines will be assigned so called Digital Object Identifier (DOI) within the fee charges. They will be published in the on-line form in 2018. The papers included in the magazines can be published in any language. The scope of one magazine article is set at 3 – 10 pages.

Further information will be published on the website of the Department of Technical Education and Information Technology of Faculty of Education, PU (*the templates for abstracts and magazine articles* will also be available on the website):

<https://www.pdf.upol.cz/ktiv/>

Preliminary framework programme:

Tuesday 15 May 2018

From 4:00 pm informal welcome of participants, a discussion of key subject topics

Wednesday 16 May 2018

10:00 am - 12:00 noon opening of the Conference, plenary sessions

1:30 - 5:00 pm section meetings

7:00 pm - ??? networking, the poster session, social evening

Thursday 17 May 2018

10:00 am - 12:00 noon section meetings 1:30 - 5:00 pm section meetings

Friday 18 May 2018 (on this date, meetings will take place at the Faculty of Education, Palacky University, Žižkovo nám. 5., Olomouc)

9:00 - 11:30 am section meetings

Deadlines:

17 February 2018 – binding application for the conference and **submission of abstracts (early registration)**.

24 February 2018 – confirmation of acceptance of abstracts (**early registration**).

31 February 2018 – reservation of accommodation in the Balnea or Majorka spa houses (participants are required to book their accommodation on their own in the spa - contact: concepcionova@lazneslatinice.cz; please, note that the accommodation capacities are limited, however, there are more accommodation options in the neighbourhood).

2 April 2018 – binding application for the conference and **submission of abstracts (late registration)**.

10 April 2018 – confirmation of acceptance of abstracts (**late registration**).

5 May 2018 – effecting the credit transfer of the conference fee (the deadline for sending the payment).

Continuously – effecting the credit transfer of the publication fee depending on the selected output.

31 May 2018 – delivery of the final versions of complete texts of the magazine articles.

The payment data for bank transfers will be published on the website of the Department of Technical Education and Information Technology (under the Konference TVV section; <https://www.pdf.upol.cz/ktiv/>). Enrolment for the Conference is made solely by means of the electronic application system.

Please, sent your abstract to: pavlina.castkova@upol.cz. The information on the procedure for sending the final version of papers and implementation of peer reviews will be published on the website of KTEIV.

Please, do not make any payments before receiving an acceptance letter from the organizers of the Conference!

Fees:

| | |
|--|----------------------|
| Conference fee 1 (attending the Conference in person – a lecture, a poster, or attendance without a contribution, the social evening, conference materials and services – the big package). | CZK 4,900 EUR 188 |
| Conference fee 2 (attending the Conference in person – a lecture, a poster, or attendance without a contribution, the social evening, conference materials and services – the small package). | CZK 3,500 EUR 135 |
| Conference fee 3 (without attending the Conference in person – the Conference organizers will put up a poster delivered by its author or the on-line section). | CZK 1,200 EUR 46 |
| Publication fee 1 (having a paper published in the JTIE magazine, to be paid after a paper has been accepted for publication – after a peer review has been completed). | CZK 2,800 EUR 108 |
| Publication fee 2 (having a paper published in the Trendy ve vzdělávání magazine, can be paid in case of positive peer reviews). | CZK 1,200 EUR 46 |

Accommodation will be ensured up to the available capacity in the rooms of the Balnea spa house**** (24x 1/2 room) or the Majorka guest house*** (7x 1/2 room). Apart from the spa houses, it is also possible to take up accommodation elsewhere – the choice is fully left to the Conference participant. The cities of Olomouc and Prostějov are within driving distance.



* Illustrative photographs.

The Slatinice Spa near Olomouc – General Information



The Slatinice spa is the first medical spa in the Czech Republic that obtained the accreditation for health care facilities. The accreditation is an official confirmation of the high quality and safety of provided services.

The spring of moderately mineralized water containing hydrogen sulphide is used for treating locomotive organs, circulatory system, neurological, skin and oncological diseases. Clients come to the spa to receive a complex and contributory spa treatment paid from the funds of health insurance companies. There are also spa stay packages available for the general public. You can choose from a variety of special therapeutic or relaxation programmes and come along to the sulphur spa.

Top quality treatment is provided in the area of rehabilitation. In our Professional Medical rehabilitation Institute, we treat patients after total joint replacements, serious injuries, spine operations, spine surgeries or with rheumatological and neurological diseases.

Medicinal sulphurous springs in Slatinice

The Spring of St. Wenceslas

It is located at the intersection of the Slatinice-Lutin-Prostějov roads. It is found directly under the Sokol gymnasium. It acquired its current appearance in the recent past, in 2004. The spring has its source in the depth of 165 meters. The spring was tapped by the Slatinice Spa for several years.

The Spring of St. Johann Adam, Prince of Liechtenstein

The Spring of Johann Adam, Prince of Liechtenstein, is the most recently tapped in the Slatinice Spa, and it replaced the Spring of St. Wenceslas. It was put to operation in 2011, having been discovered two years before. The spring discharge outlet is brought to the surface for the general public in the small spa park in front of the main building. The well is 372 m deep and the crust fault is located at the depth of 180 m. Thanks to this, it is possible to use mineral water from both reservoirs.

The Spring of St. Vitus

The spring has its source in the depth of 150 meters. The shed over the spring was constructed in 2004. At the same time, its surroundings were landscaped.

The Zdeněk Spring

The spring has its source in the depth of 13 meters. It is located in a mill house.

The Spring of St. George

It was opened in 2001. The spring has its source in the depth of 92 meters and its discharge outlet is situated next to the Morava spa building. Its temperature is about 17 °C.

The Spa Fountain

In 2010, the new fountain called “The Spa Flower” and the drinking fountain which the Spring of St. George flows through were put to operation in front of the Morava spa building. All these were designed and realized from the Hořice sandstone by the artist Pavel Surma.

For detailed information about the accommodation and the conference hotel see:

<http://www.lazneslatinice.cz>

Accommodation reservations

The accommodation capacities in the Slatinice Spa will have been designated for the booking by the Conference participants only by 31 February 2018. After that date, they will be offered to other clients too, however, it will still be possible to ask whether there is any free accommodation capacity.

The booking services for lodging of the Conference participants are provided by:

Ing. Hana Concepcionová

Business Manager

Lázně Slatinice a.s.

783 42 Slatinice č.p.29

Tel.: +420 734 572 022

e-mail: concepcionova@lazneslatinice.cz

Please, specify the requested accommodation facility in your order:

- Balnea spa house**** (www.lazenskydumbalnea.cz)

or

- Majorka guest house*** (www.penzion-majorka.cz)

The accommodation offer prices: 870,- CZK/person/night with buffet breakfast in the Balnea spa house****

650,- CZK/person/night with buffet breakfast in the Majorka guest house****

The conference room is located in the Balnea spa house.

Should you have any questions, please, do not hesitate to contact:

Mgr. Martin Havelka, Ph.D. - martin.havelka@upol.cz

**Further instructions will be published on the website of the
Department of Technical Education and Information**

Technology of Faculty of Education, PU at:

<https://www.pdf.upol.cz/ktiv/>