

## **2<sup>nd</sup> USB conference of doctoral students**

**December 7 - 8, 2022**

**Room M5 in building ZM of the USB campus**

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*DAY 1 (7 December)*

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<b>9:20–9:50</b>	<i>Registration (possible also before any session)</i>
<b>9:50–10:00</b>	<i>Welcome address and organization</i>
<b>10:00–11:00</b>	<b>Session 1</b>
Koid Qian Qun (FSC)	Arthropod-entomopathogenic fungus interactions
Martin Červený (FHSS)	The challenge of cultural competence among Czech and Slovak nurses
Hoang Trong Nghia (FAT)	Effects of winter wheat and legumes on grain quality in organic farming
Ali Ghaznavi (FFPW)	Cell segmentation from telecentric bright-field light microscopy images using CNN architectures: a case study on HeLa line
<b>11:00–12:00</b>	<b>Guest lecture: Helena Vorlová and František Vorel (USB Library): Introduction to Open Access publishing</b>
<b>12:00–13:00</b>	<i>Lunch break (lunch is not part of the conference)</i>
<b>13:00–14:15</b>	<b>Session 2</b>

Rehana Sindho Kabooro (FHSS)	Public health in European social context
Xiao Xue (FSC)	Will drought stressed plants attract more herbivore?
Folorunso Ewumi Azeez (FFPW)	Customization of integrated pest and disease managements for aquaponics
Eze Festus Onyebuchi (FAT)	Evaluation of greenhouse gases emission on organic and conventional systems of farming from selected crops growing in Europe and Africa
Anushree Bachhar (FFPW)	Fructose-phosphate metabolism in cyanobacteria
<b>14:15–14:45</b>	<i>Coffee break</i>
<b>14:45–16:00</b>	<b>Session 3</b>
Repullés María Del Mar (FSC)	Why is the Atlantic forest so diverse? Understanding the evolutionary mechanisms that have shaped its current biodiversity
Simona Šimková (FHSS)	Body composition analysis and obesity
Ismael Soto (FFPW)	Long term trend and impacts of invasive alien species
Michal Pech (FFPW)	Effect of mifepristone, a mode compound with anti-progestogenic activity, on the development of African Clawed Frog ( <i>Xenopus laevis</i> )
Hořčica Antonín (FEC)	Sustainable development indicators in the EU regions

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## *DAY 2 (8 December)*

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<b>10:00–11:30</b>	<b>Session 4</b>
Veronika Jodlová (FAR)	About selected schools of terminology with regard to the historical context of the 20th century
Jaroslav Neumann (FAT)	Effect of methyl jasmonate on the cannabinoid content of a commercial cannabis cultivar grown under artificial light
Anna Dostálová (FAT)	Be better informed about fertility: does the expectations and needs of citizens correspond to the information provided by assisted reproduction clinics?
Cristian Villena (FSC)	Have you ever heard about anoxygenic photosynthesis? An overview of its important role in freshwaters
Kateřina Habrdová (FED)	Raising developmental language disorder (DLD) awareness - good practice examples
Amirahmadi Elnaz (FAT)	Environmental life cycle assessment in organic and conventional rice farming systems: using a cradle to farm gate approach
<b>11:30–12:30</b>	<i>Lunch break (lunch is not part of a conference)</i>

**12:30–14:15**

**Session 5**

- Zhoř Jiří (FAT) Developing of control system for indoor hydroponic vertical farming
- Anežka Santolíková (FSC) Comparative genomics in parasitology
- Ghorbani Mohammad (FAT) Effect of oxidation on surface area characteristics of biochar and plant growth
- Linan Gao (FFPW) Replacement of maternal germ plasm in sturgeon
- Inka Kratochvílová (FHSS) Current issues of palliative care
- Matěj Novák (FED) Inquiry through the tasks from the Biology Olympiad as a part of the block teaching in the STEM project - would it be possible to do it in the same way in ordinary pedagogical practice?
- Pavol Mišejka (FTH) There is a nature like no other: Scholasticism forgotten and forbidden

**14:15–14:45**

*Coffee break*

**14:45–16:30**

**Session 6**

- Aleksandra Krasilnikova (FFPW) Sperm cryopreservation for aquaculture practice: is a specific approach needed?
- Pavel Brázda (FAT) Separation of runoff components at small watersheds in touch with pedology and spectroscopy
- Glocker Bernhard (FSC) Why Shadows are important – From a saplings point of view
- Yves Theoneste Murindangabo (FAT) Soil organic matter fractionation and importance
- Ali Shahzaib (FAT) The abilities of selected plant species for the Phytoextraction of radionuclides from contaminated soils
- Shafia Safra (FSC) Not all parents are toxic: reverse Janzen-Connell effect on ant-plants in Papua New Guinea
- Hania Anxhela (FSC) mRNA CARD-FISH application on Trichodesmium laboratory and field samples

**17:00–20:00**

**Poster session with drinks at Kampa students' club**

*Social evening at the Kampa students' club*

**18:00–18:20** *Announcing the authors of the best presentations and the best poster at the Kampa students' club*

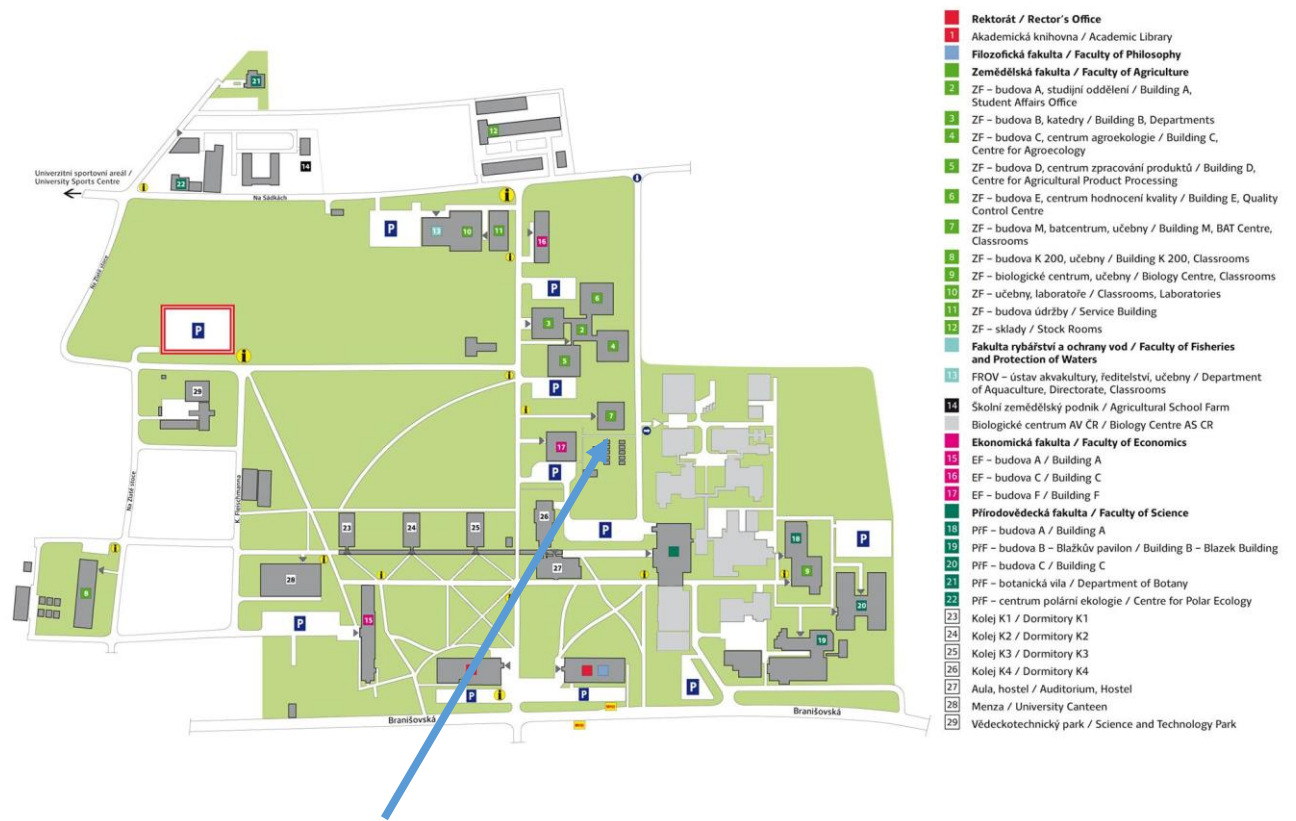
- Chrstian Enz (FEC) The flow distance in corporate communications
- Petra Hořejšová (FED) Reflection and self-reflection from the perspective of pedagogy and psychology
- Godana Million Tesfaye (FFPW) Fish population dynamics and its response to climate change in temperate reservoirs

Poncarová Martina (FSC) Acute toxicity tests of selected widely prescribed medicinal drugs and of products of their photochemical degradation on aquatic organisms

Michaela Abrmanová (FHSS) Nursing interventions in the nutrition of premature infants

Jihočeská univerzita v Českých Budějovicích / University of South Bohemia in České Budějovice

# Mapa kampusu / Map of the Campus



Here's the campus map. The building ZM is here denoted as building M and is the building number 7.