

USB CONFERENCE OF DOCTORAL STUDENTS
November 3 - 4, 2021
ROOM Z1 IN BUILDING ZR OF THE USB CAMPUS

PROGRAM - DAY 1 (NOVEMBER 3)

7:40 - 8:10	Registration (possible also during any coffee break)
8:10 - 8:30	Welcome address and organization
8:30 - 10:00	Session 1 - Chairman: Luděk Berec
Simona Šimková (ZSF)	Quality of life, lifestyle and body composition - mutual interaction
Rahi Deepali (FROV)	Fish sperm respiration: species specificity and effect of environmental temperature
Josef Čížek (FF)	Sovereigns credit in the period before the battle of White Mountain - specifics, research possibilities, results
Jana Konopická (ZF)	Entomopathogenic fungi as biocontrol agent against the bulb mite, <i>Rhizoglyphus robini</i>
Shah Mujahid Ali (FROV)	Sturgeon represent the specific evolutionary transition from the holoblastic to meroblastic cleavage pattern
Anna Maroušková (EF)	Multidisciplinary considerations in biowaste treatment via Black Soldier Fly larvae
10:00 - 10:30	Coffee break
10:30 - 12:30	Session 2 - Chairman: Jitka Vacková
Jakub Staněk (PF)	Psychology of programming: specific needs of professional gamers
Lukáš Mareš (TF)	What are the constitutive properties of a good sport?
Gabriela Hlásková (EF)	How and why to prevent exchange rate losses?
Šárka Hellerová (ZF)	Changes of heterogeneous cell line culture L929 after application of full-spectrum <i>Cannabis sativa</i> L. extracts
Veronika Jodlová (FF)	Modern terminology as an interdisciplinary field with focus on informatics
Tran Quang Hung (FROV)	European perch (<i>Perca fluviatilis</i>) fed dietary insect meal (<i>Tenebrio molitor</i>): a multidisciplinary approach
Eva Fichtnerová (ZSF)	Integration of foreign research and academic workers in the Czech Republic
Tomáš Tichopád (FROV)	Why do fish abandon sex? Transcriptomic case studies of <i>Cobitis</i> and <i>Poecilia</i>
12:30 - 13:30	Lunch break (lunch is not part of a conference)

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13:30 - 15:30

Nikola Holubová (ZF)
Jan Kuntzman (ZF)
Jiří Brázdil (EF)
Klára Kováčová (PF)

Patrik Klofáč (PF)
NA Kifayatullah (FROV)

Kateřina Hodková (FF)
Tukur Hammed Abolade (PřF)

Session 3 - Chairman: Milan Předota

Cryptosporidium spp. in birds
The effect of landcover on local climate
Natural speech as a human-machine interface
How teachers influence classroom climate that enhances learning
Inquiry-based learning of robotics
Effects of temperature and limb amputation level on limb regeneration parameters in marbled crayfish
Relationships between legal concepts in Czech and French law
Unboxing the black box of cell fate specification in mammalian

15:30 - 16:00

Coffee break

16:00 - 18:00

Jakub Novák (FF)
Waghmare Swapnil
Gorakh (FROV)
Hana Donéová (TF)

Lucie Walterová (ZF)
Roman Buchtele (EF)

Kateřina Fantová (FF)

Ivana Mašková (PF)
Kirill Lonhus (PřF)

Session 4 - Chairman: Michal Opatrný

Why are we unwilling to talk about video games?
Fish oocyte ageing and histone modifications
Occurrence of rapprochement with social worker and his client from the perspective of social workers working with the homeless and seniors
Armillaria mycoviruses as potential bioagens
Graduates with environmental background and their decision related to their future profession
The street nomenclature as the demonstration of the loyalty of the Pilsen municipality at the turn of the 19th and 20th century
Who is really an excellent university student?
How to quantify behavior?

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PROGRAM - DAY 2 (NOVEMBER 4)

8:30 - 10:00

Roy Koushik (FROV)

Murindangabo Yves

Theoneste (ZF)

Aleš Chrdle (ZSF)

Matěj Novák (PF)

Anna Mrázová (PřF)

Tomáš Zdechovský (ZSF)

Session 5 - Chairman: TBA

Applications of fish nutrition: its synergy with EU's circular blue bioeconomy vision 2030

The importance of organic matter in the soil

Role of the nurse during the covid pandemic as seen by the doctors

Tasks from the Biology Olympiad - a potential source of teaching tasks for biology teaching

Might birds ecologize extensive agriculture by replacing toxic pesticides?

The child welfare system - an international comparison with an emphasis on the Czech Republic and Norway

10:00 - 10:30

Coffee break

10:30 - 12:30

Session 6 - Chairman: TBA

Dinara

Image-based individual fish identification

Bekkozhasyeva (FROV)

Helena Dvořáková (FF)

Davidson's concept of irrationality and its use in theory of interpretation

Hoang Trong Nghia (ZF)

The quality of wheat and legumes mixtures in organic farming

Marek Jansa (FF)

19th century Vierkanthof: digital humanities in research of vanishing rural spaces of southern Bohmerwald

Vojtěch Blažek (PF)

Biometric testing in the study of cognitive load in the ArcGIS StoryMaps

Bachhar Anushree (FROV)

Multi-omics data integration for better understanding of complex biological processes

Nermeen Ashraf (PřF)

Lanthanides in Microalgae, soils and plant - current knowledge at biochemical and biophysical level

Kateřina Habrdová (PF)

How we cope DLD - is it just the matter of parents?

12:30 - 13:30

Lunch break (lunch is not part of a conference)

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Jitka Fialová (ZSF)
Jitka Prediger (ZF)

Eva Jarošová (ZF)
Nayak Rigolin (FROV)

Jiří Blažek (PF)

Kumar Bankatesh (PřF)

Nikola Třešňáková (FROV)
Tereza Majerovičová (FF)

15:30 - 16:00

16:00 - 17:30

Anežka Santolíkova (PřF)
Martin Hubálek (FROV)

Markéta Tahadlová (PřF)
Lenka Tůmová (ZF)
Jana Ježková (ZF)
Xiao Xue (PřF)

Session 7 - Chairman: Milan Jílek

Gender equality paradox-es

Diversity and biology of *Cryptosporidium* spp. in ground and tree squirrels

Comparison of antioxidant activity from selected oil seed cakes

Enhancement of gamete production of zebrafish (*Danio rerio*) in big body sized giant danio (*Devario aequipinnatus*) by germ cell transplantation

Influence of dynamic geometry software on finding solutions of geometric problems

The impact and mechanism of queuosine tRNA modification on differentiation and virulence of *Leishmania mexicana*

Pesticides in aquatic ecosystems

Ethnoarchaeology of southeast Senegalese farmers. Abandoned and living villages in the area of Niokolo Koba National Park

Coffee break

Session 8 - Chairman: TBA

Genomic studies of neglected Cnidarians with parasitic lifestyle

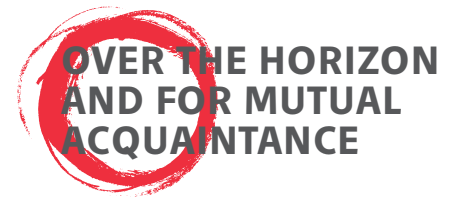
Simple field storage of fish samples for measurement of DNA content by flow cytometry

Underground networks: How do plants surf on internet?

Seeking for molecular markers of *Cryptosporidium* virulence

Cryptosporidium and cryptosporidiosis of synanthropic rodents

Ficus defenses against herbivores along drought gradient



USB CONFERENCE OF DOCTORAL STUDENTS
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THE KAMPA STUDENTS' CLUB

PROGRAM - DAY 2 (NOVEMBER 4)

18:30 - 19:15

Miroslav Strob (ZF)
Petra Hořejšová (PF)
Jan Hynek (PF)
Tomáš Sosna (PF)

Poster session with drinks - Chairman: Luděk Berec

Application of artificial intelligence in the growing of crops
Professional development of students of pedagogy
Teacher misbehavior in primary and secondary school
Development of creativity of primary school pupils in technical education classes through 3D modeling
Effect of selected essential oils on acute mortality of Varroa destructor
Modeling tasks – strategies for complex solutions

Petr Mráz (ZF)

Jakub Geyer (PřF)

19:15 - 19:30

Awarding the authors of the best presentations and the best poster at the Kampa students' club

19:30 - 23:00

Social evening at the Kampa students' club