

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

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

Bekkozhasheva (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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PROGRAM - DAY 2 (NOVEMBER 4)

13:30 - 15:30

Jitka Fialová (ZSF)
Jitka Prediger (ZF)

Eva Jarošová (ZF)
Nayak Rigolin (FROV)

Jiří Blažek (PF)

Kumar Bankatesh (PřF)

Nikola Třešňáková (FROV)
Tereza Majerovičová (FF)

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

15:30 - 16:00

Coffee break

16:00 - 17:30

Anežka Santolíkova (PřF)
Martin Hubálek (FROV)

Markéta Tahadlová (PřF)

Lenka Tůmová (ZF)

Jana Ježková (ZF)

Xiao Xue (PřF)

Session 8 - Chairman: TBA

Genomic studies of neglected Cnidarians with parasitic lifestyle

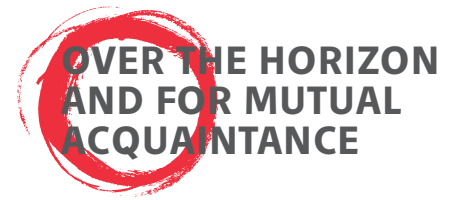
Simple field storage of fish samples for measurement of DNA content by flow cytometry

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