



Czech University of Life Sciences Prague

**Faculty of Tropical  
AgriSciences**

**Academic Administration Office of FTA**  
Czech University of Life Sciences Prague  
Kamýcká 129, 165 21 Praha 6 – Czech Republic  
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Dear colleagues, partners, friends,

You are kindly invited to

**Students' Scientific Paper  
Presentations**  
MSc Theses Defence

**2<sup>nd</sup> – 5<sup>th</sup> June**

in teaching pavilion T

Faculty of Tropical AgriSciences  
Czech University of Life sciences Prague,  
Kamýcká 129, 165 21, Praha 6 - Suchdol

**2<sup>nd</sup> June 2014**

Tropical Crop Management and Ecology  
Animal and Food Science in Tropics and Subtropics  
Wildlife Management in Tropics and Subtropics

**3<sup>rd</sup> - 4<sup>th</sup> June 2014**

Sustainable Rural Development in Tropics and Subtropics

**5<sup>th</sup> June 2014**

International Development and Agricultural Economics

Committees are composed of professionals from various fields and countries. Scientific papers are covering interesting and actual topics guaranteeing fruitful discussions! Programme is attached.

We are looking forward to your visit!

## **Programme**

Study programme: **Tropical Crop Management and Ecology**

Chairman: Prof. Dr. Folkard ASCH, University of Hohenheim, Germany

Room: **T137**

**Monday, 2<sup>nd</sup> June 2014**

**8:00 – 8:45 Evaluation of in vitro synergistic antimicrobial effect of antibiotics with isoflavonoids and their metabolites**

Student: Amálie Balaštková

Supervisor: prof. Ing. Ladislav Kokoška, Ph.D.

**8:45 – 9:30 Ethnobotany of medicinal plants used by herbal practitioners in Turkestan Range, southern Kyrgyzstan**

Student: Lukáš Pawera

Supervisor: doc. Ing. Zbyněk Polesný, Ph.D.

**9:30 – 10:15 Vegetative Propagation of Amazonian Trees**

Student: Michaela Jedličková

Supervisor: doc. Ing. Bohdan Lojka, Ph.D.

**10:15 – 11:00 Genetic variability of aguaje *Mauritia flexuosa* L.f (Arecaceae) in Peruvian Amazon**

Student: Joel Esteban Odicio Guevara

Supervisor: doc. Ing. Bohdan Lojka, Ph.D.

**11:00 – 11:45 Assesment of genetic fidelity of micropropagated plants and in vitro polyploidization of *Monarda didyma* L. - A medicinal plant**

Student: Michaela Hrdličková

Supervisor: doc. Dr. Ing. Eloy Fernández Cusimamani

**11:45 – 12:30 Results Announcement**

**12:30 – 13:15 Lunch**

**13:15 – 14:00 In vitro propagation of *Darlingtonia californica* and assessment of genetic stability in regenerants using molecular markers**

Student: Anežka Houšková

Supervisor: Ing. Iva Viehmannová, Ph.D.

**14:00 – 14:45 *In vitro* propagation of *Puya berteroniana* and assessment of genetic stability in regenerants using molecular markers**

Student: Petra Štréblová

Supervisor: Ing. Iva Viehmannová, Ph.D.

**14:45 – 15:30 Use of *in vitro* technologies in *Plukenetia volubilis* L.**

Student: Raul Enrique Pilco Lozano

Supervisor: Ing. Iva Viehmannová, Ph.D.

**15:30 – 16:15 Effect of dopamine, arginine, tyrosine and tryptamine on the production of mescaline in callus culture of *Trichocereus pachanoi* Britton & Rose**

Student: Cesar Eduardo Martin Flores Grandez

Supervisor: Ing. Iva Viehmannová, Ph.D.

**16:15 Results Announcement**

## Programme

Study programme: **Animal and Food Science in Tropics and Subtropics**  
**Wildlife Management in Tropics and Subtropics**

Chairman: Assoc. prof. RNDr. Daniel FRYNTA, Ph.D.

Room: **T135**

**Monday, 2<sup>nd</sup> June 2014**

**8:30 – 9:15 Pregnancy diagnosis from urine in even-toed ungulates**

Student: Anna Kubátová (AFS)

Supervisor: Ing. Tamara Fedorova

**9:15 – 10:00 *Toxoplasma gondii* - prevalence and risk factors for small felidae at the zoos in the Czech Republic**

Student: Eva Kudrnáčová (AFS)

Supervisor: prof. MVDr. Daniela Lukešová, CSc.

**10:00 – 10:45 The Impact of the Sea-buckthorn (*Hippophae rhamnoides*) Supplement in the Feed Ration on the Quality of Poultry Products**

Student: Akhir Pebriansyah (AFS)

Supervisor: Ing. Petra Silberová, Ph.D.

**10:45 – 11:30 Reproductive behaviour and non- vocal communication in captive guanacos (*Lama guanicoe*)**

Student: Tereza Hartlová

Supervisor: Ing. Radim Kotrba, Ph.D.

**11:30 – 12:15 Acoustic aspects of antipredator behaviour in Blue wildbeest (*Connochaetes taurinus*)**

Student: Zuzana Panovská

Supervisor: Mgr. Richard Policht, Ph.D.

**12:15 – 13:00 Results Announcement**

**13:00 – 13:45 Lunch**

**13:45 – 14:30 Environmental education of children in developing countries**

Student: Zuzana Rajtrová

Supervisor: Ing. Karolína Brandlová, Ph.D.

**14:30 – 15:15 Response of cattle grazing on pasture on olfactory stimuli**

Student: Kateřina Fiebigerová

Supervisor: doc. RNDr. Pavla Hejčmanová, Ph.D.



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**15:15 – 16:00 Personality in Guinea pigs (*Cavia aperea f. porcellus*) behaviour**

Student: Hana Šimánková

Supervisor: doc. RNDr. Pavla Hejcmanová, Ph.D.

**16:00 – 16:45 Vocal Repertoire of Captive Sugar Glider (*Taurus braviceps*)**

Student: Ondřej Sekera

Supervisor: Mgr. Irena Schneiderová, Ph.D.

**16:45 Results Announcement**

## **Programme**

Study programme: **Sustainable Rural Development in Tropics and Subtropics**

Chairman: prof. Dr. Folkard ASCH, University of Hohenheim, Germany

Room: **T137**

**Tuesday, 3<sup>rd</sup> June 2014**

**8:30 – 9:15 Assessment of Income from Traditional and Modern Beekeeping Techniques in the Angacha Woreda, the Kembata Tembaro Zone, Ethiopia**

Student: Marie Wichsová

Supervisor: Ing. Jana Mazancová, Ph.D.

**9:15 – 10:00 Analysis of livelihood strategies of small-scale farmers in North Sumatra**

Student: Pavla Fajfrlíková

Supervisor: Ing. Jana Mazancová, Ph.D.

**10:00 – 10:45 Assessment of Livelihood Strategies in Selected Rural Areas in Syria**

Student: Kindah Ibrahim

Supervisor: Ing. Jana Mazancová, Ph.D.

**10:45 – 11:30 Agricultural innovation and development from the perspective of capacity building in North Sumatra**

Student: Gabriela Kubátová

Supervisor: Ing. Jana Mazancová, Ph.D.

**11:30 – 12:15 Impact of biogas technology on rural women, case study in central Vietnam**

Student: Thu Trang Pham

Supervisor: Ing. Jana Mazancová, Ph.D.

**12:15 – 13:00 Results Announcement**

**13:00 – 13:45 Lunch**

**13:45 – 14:30 Strengthening support for Inclusive Education teachers in Cambodia: Strategies for mapping and expanding teaching aid use and production**

Student: Lindsey Elms

Supervisor: Ing. Jiří Hejkrlík, Ph.D.

**15:15 Results Announcement**

## **Programme**

Study programme: **Sustainable Rural Development in Tropics and Subtropics**

Chairman: prof. Dr. Folkard ASCH, University of Hohenheim, Germany

Room: **T137**

**Wednesday, 4<sup>th</sup> June 2014**

**8:30 – 9:15 Impact assessment and evaluation of Czech development interventions in livestock production systems in Central region of Mongolia**

Student: Radka Velínská

Supervisor: Ing. Jiří Hejkrlík, Ph.D.

**9:15 – 10:00 Quality of formal education for international development in EU and the Czech Republic**

Student: Vít Ledvinka

Supervisor: Ing. Jiří Hejkrlík, Ph.D.

**10:00 – 10:45 Economic evaluation of hemp (Cannabis sativa) grown for energy purposes (briquettes)**

Student: Hana Pernikářová

Supervisor: Ing. Tatiana Ivanova, Ph.D.

**10:45 – 11:30 Assessment of current production of small-scale farmers in North Sumatra**

Student: Jose Antonio Cervero Momo

Supervisor: Ing. Jana Mazancová, Ph.D.

**11:30 – 12:15 Results Announcement**

**12:15 – 13:00 Lunch**

**13:00 – 13:45 Is tourism a suitable strategy for empowerment of resource-poor communities in tropics? Experience from North Sumatra province, Indonesia**

Student: Lukáš Krátký

Supervisor: Ing. Vladimír Verner, Ph.D.

**13:45 – 14:30 Rural development with focus on women in Antalya Province, Turkey**

Student: Vojtěch Vitner

Supervisor: doc. Ing. Vladimír Krepl, CSc.

## **Programme**

Study programme: **International Development and Agricultural Economics**

Chairman: Prof. Dr. Didier PILOT, Montpellier SupAgro IRC, France

Room: T135

**Thursday, 5<sup>th</sup> June 2014**

**8:30 – 9:15 Evaluation of Activities of Training Centre Agroihutan, North Sumatra**

Student: Kateřina Maierová

Supervisor: Ing. Jana Mazancová, Ph.D.

**9:15 – 10:00 Comparative Analysis of Agricultural Practical Education in Angola**

Student: José Pina Paulino

Supervisor: Ing. Jana Mazancová, Ph.D.

**10:00 – 10:45 Rural Development and Position of the Agriculture in Nigeria**

Student: Cathy-Austin Otekhile

Supervisor: prof. Ing. Bohumil Havrland, CSc.

**10:45 – 11:30 Aspects of agricultural education in Angola - case study from Bié province**

Student: Liudmila Helena Saiovo Sambalundo

Supervisor: Ing. Petra Chaloupková, Ph.D.

**11:30 – 12:15 Evaluation impact of the development project in Vietnam**

Student: Lien Ho Huong

Supervisor: Ing. Petra Chaloupková, Ph.D.

**12:15 – 13:00 Results Announcement**

**13:00 – 13:45 Lunch**

**13:45 – 14:30 Marketing Strategies of Small-Scale Rice Farmers in Takeo Province, Cambodia**

Student: Anna Kroutilová

Supervisor: Ing. Petra Chaloupková, Ph.D.

**14:30 – 15:15 Economic comparison of reforestation alternatives in La Hesperia Biological Station & Reserve, Ecuador**

Student: Zuzana Nováková

Supervisor: Ing. Vladimír Verner, Ph.D.





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**15:15 – 16:00 The development of agricultural input markets (in selected developing countries)**

Student: Kyom Jonathan Adamu

Supervisor: doc. Ing. Tomáš Doucha, CSc.

**16:00 – 16:45 Analysis of Fruit and Vegetable Markets in the Republic of Moldova**

Student: Igor Moscovciuc

Supervisor: Ing. Alexander Kandakov, Ph.D.

**16:45 Results Announcement**