
International Development and Agricultural Economics programme's Master students'

Theses Defences

of the academic year 2015/2016

30th May 2016

Chairman of Committee: **prof. Dr. ir. Patrick Van Damme**
Ghent University, Belgium

8:30 – 9:15

**Consumers attitudes to Dietary supplements and Functional food - Case study of the
Czech Republic**

Student: Bc. Petra Kostková
Supervisor: Ing. Petra Chaloupková, Ph.D.
Opponent: Ing. Michal Kulík

09:15 – 10:00

**Competences and employability of Erasmus Mundus Graduates in Agriculture on the Job
Market in China and Mongolia**

Student: Bc. Radek Vašíček
Supervisor: Ing. Petra Chaloupková, Ph.D.
Opponent: Ing. Mgr. Tereza Němečková, Ph.D.

10:00 – 10:45

**Impact assessment of personal empowerment training on higher educational students of
agriculture in Cambodia**

Student: Bc. Dora Vávrová
Supervisor: Ing. Petra Chaloupková, Ph.D.
Opponent: Ing. Mgr. Tereza Němečková, Ph.D.

10:45 – 11:30

Farming systems analysis in mountainous areas: Kyrgyzstan

Student: Bc. Monika Kosová
Supervisor: Ing. Vladimír Verner, Ph.D.
Opponent: Dr. ir. Wouter Vanhove

11:30 – 12:15

Farming systems classification in Zerger watershed, southern Kyrgyzstan: Who grows rice and why?

Student: Bc. Jakub Skřivan
Supervisor: Ing. Vladimír Verner, Ph.D.
Opponent: Ing. Zuzana Smeets Křístková, Ph.D.

12:15 – 13:15 Lunch

13:15 – 14:00

Overview of small-scale freshwater aquaculture in central Vietnam: Case study of Thua Thien Hue province

Student: Bc. Lucie Vaňousková
Supervisor: Ing. Vladimír Verner, Ph.D.
Opponent: Ing. Miloslav Petrtyl, Ph.D.

14:00 – 14:45

Market survey of traditional rice varieties at Osh Bazaar, Kyrgyzstan

Student: Bc. Petr Vopěnka
Supervisor: Ing. Vladimír Verner, Ph.D.
Opponent: Dr.ir. Wouter Vanhove

14:45 – 15:30

Thematic evaluation of sustainability of agriculture-focused projects in the Czech Official Development Assistance

Student: Bc. Lenka Černínová
Supervisor: Ing. Jiří Hejkrlik, Ph.D.
Opponent: Mgr. Jiří Remr, Ph.D.

15:30 – 16:15

Analysis of factors influencing farmers' participation in cooperatives in western Georgia

Student: Bc. Michaela Garguláková
Supervisor: Ing. Jiří Hejkrlik, Ph.D.
Opponent: Ing. Buba Jafarli

16:15 Results Annoucement

Wildlife Management in Tropics and Subtropics programme's Master students'

Theses Defences

of the academic year 2015/2016

30th May 2016

Chairman of Committee: **RNDr. Petr Kotlík, Ph.D.**
Institute of Animal Physiology and Genetics, Academy of Sciences, Czech Republic

8:30 – 9:15

Decomposition of cadavers in freshwater environment and its use in forensic practice

Student: Bc. Monika Jirsíková
Supervisor: prof. RNDr. Miroslav Barták, CSc.
Opponent: Ing. Hana Šuláková, Ph.D.

09:15 – 10:00

Social preferences of the giraffe (*Giraffa camelopardalis*)

Student: Bc. Lenka Malyjurková
Supervisor: Ing. Karolína Brandlová, Ph.D.
Opponent: Mgr. Martina Komárková

10:00 – 10:45

Body condition scoring for big cats

Student: Bc. Dorota Gremlicová
Supervisor: Ing. Karolína Brandlová, Ph.D.
Opponent: Jitka Vokurková

10:45 – 11:30

Phylogeny and population characteristics of Derby eland (*Taurotragus derbianus*)

Student: Bc. Kateřina Štochlová
Supervisor: Mgr. Barbora Černá Bolfíková, Ph.D.
Opponent: Dr. Helen Senn

11:30 – 12:15

Impact of habitat loss on anuran diversity in different parts of Serra do Mar, the largest remnant of Mata Atlantica, SE Brazil

Student: Bc. Tomáš Holer
Supervisor: prof. RNDr. Pavla Hejčmanová, Ph.D.
Opponent: Ing. Milič Solský, Ph.D.

12:15 – 13:15 Lunch

13:15 – 14:00

Diet quality of large herbivores across continents

Student: Bc. Anežka Karafiátová
Supervisor: prof. RNDr. Pavla Hejčmanová, Ph.D.
Opponent: doc. Ing. Josef Hakl, Ph.D.

14:00 – 14:45

Drivers of reptile diversity in Serra de Bocaina National Park and surrounded agriculture areas, SE Brazil

Student: Bc. Jaroslav Karhánek
Supervisor: prof. RNDr. Pavla Hejčmanová, Ph.D.
Opponent: Ing. Vladimír Hula, Ph.D.

14:45 – 15:30

Soils in Africa as source of mineral nutrition for large herbivores

Student: Bc. Lucie Stoklasová
Supervisor: prof. RNDr. Pavla Hejčmanová, Ph.D.
Opponent: prof. Dr. Ing. Vilém Pavlů

15:30 – 16:15

Noninvasive Fecal Monitoring of Hormones in Female Cheetahs

Student: Bc. Pavla Konečná
Supervisor: Ing. Tamara Fedorova, Ph.D.
Opponent: MVDr. Alena Bartošková, Ph.D.

16:15 Results Annoucement

International Development and Agricultural Economics programme's Master students'

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31st May 2016

Chairman of Committee: **prof. Dr. ir. Patrick Van Damme**
Ghent University, Belgium

8:30 – 9:15

The Analysis of the Evolution of Microfinance Institutions in Ghana

Student: B.Sc. Gloria Kena-Amoah
Supervisor: Dipl.-Kfm. Tomáš Hes, Ph.D.
Opponent: Ing. Nargiza Alimukhamedova, Ph.D.

09:15 – 10:00

Analysis of present techniques of audit and social performance in microfinance investment vehicles

Student: Bc. Tereza Králová
Supervisor: Dipl.-Kfm. Tomáš Hes, Ph.D.
Opponent: Ing. Samuel Darkwah, Ph.D.

10:00 – 10:45

An Assessment of Job Opportunities for Rural-urban Migrants in Urban Region (Case Study of Lagos, Nigeria)

Student: B.Sc. Feyisayo Mercy Owoeye
Supervisor: Dr. RNDr. Tomáš Rättinger
Opponent: Dr. Ing. Miroslava Bavorová

10:45 – 11:30

Reducing food losses and wastes in the cereal sector: an option for strengthening global food security

Student: Bc. Adam Tomka
Supervisor: Dr. RNDr. Tomáš Rättinger
Opponent: Ing. Pavlína Hálová, Ph.D.

11:30 – 12:15

The impact of gender inequality on information exchange: a case study of East Akim district in the Eastern region of Ghana

Student: B.Sc. Edwin Boateng Acheampong
Supervisor: Ing. Alexander Kandakov, Ph.D.
Opponent: PhDr. Anna Mravcová, Ph.D.

12:15 – 13:15 Lunch

13:15 – 14:00

Access to agricultural market information by rural women: a case study of Telenesti district in Central region of the Republic of Moldova

Student: Bc. Anna Kupková
Supervisor: Ing. Alexander Kandakov, Ph.D.
Opponent: PhDr. Anna Mravcová, Ph.D.

14:00 – 14:45

Analysis of market parameters of groundnuts in Mazowe district, Zimbabwe

Student: B.Sc. Donald Mbangani
Supervisor: Ing. Vladimír Verner, Ph.D.
Opponent: doc. Ing. Tomáš Dudáš, Ph.D.

14:45 – 15:30

Reaching the Rural Poor Through Agricultural Cooperatives in Mongolia

Student: Bc. Markéta Hilliová
Supervisor: Ing. Jiří Hejkrlik, Ph.D.
Opponent: Erdenechuluun Tumur, Ph.D.

15:30 – 16:15

CONSTRAINTS OF CHEESE SMALL-SCALE PRODUCERS IN IMERETI REGION OF GEORGIA: MIDDLEMEN THE CAUSE ROOT OR NOT?

Student: B.Sc. Pacifique Ingabire
Supervisor: Ing. Jiří Hejkrlik, Ph.D.
Opponent: prof. Ing. Tamila Arnanian Kepuladze, CSc.

16:15 Results Announcement

Animal and Food Science in Tropics and Subtropics programme's Master students'

Theses Defences

of the academic year 2015/2016

31st May 2016

Chairman of Committee: **RNDr. Petr Kotlík, Ph.D.**
Institute of Animal Physiology and Genetics, Academy of Sciences, Czech Republic

8:30 – 9:15

Variation of fecal hormones during antler cycle of Pere Davids deer (*Elaphurus davidianus*)

Student: Bc. Zuzana Klapalová
Supervisor: Ing. Radim Kotrba, Ph.D.
Opponent: RNDr. Jan Pluháček, Ph.D.

09:15 – 10:00

Flight activity of bats in habitats with different representation of human settlements

Student: Bc. Kristýna Kovaříková
Supervisor: RNDr. Michal Andreas, Ph.D.
Opponent: Mgr. Helena Jahelková, PhD.

10:00 – 10:45

Zoonotic aspects of edible insects in developing countries

Student: Bc. Eva Coufalová
Supervisor: prof. MVDr. Daniela Lukešová, CSc.
Opponent: doc. Ing. Marie Borkovcová, Ph.D.

10:45 – 11:30

Dynamics of parasitoses in beef cattle and occurrence of the infectious larvae at pasture

Student: Bc. Lukáš Kubelka
Supervisor: prof. MVDr. Daniela Lukešová, CSc.
Opponent: doc. Ing. Jaroslav Vadlejch, Ph.D.



Czech University of Life Sciences Prague

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e-mail: studijniFTZ@ftz.czu.cz, www.ftz.czu.cz/en

11:30 – 12:15

Environmental knowledge and attitudes: does it differ in urban and rural areas?

Student: B.Sc. Mathy Sané

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

Opponent: Mgr. Jiří Votava, Ph.D.

12:15 – 13:15 Results Annoucement



Tropical Crop Management and Ecology programme's Master students'

Theses Defences

of the academic year 2015/2016

31st May 2016

Chairman of Committee: **Dr. ir. Wouter Vanhove**
Ghent University, Belgium

8:30 – 9:15

***In vitro* antioxidative effect of medicinal plants from Ghana**

Student: B.Ed. Benjamin Berkoh Addai
Supervisor: prof. Ing. Ladislav Kokoška, Ph.D.
Opponent: Ing. Jan Tauchen

09:15 – 10:00

Soil properties under baobab trees (*Adansonia digitata* L.) and their influence on fruit nutrient contents

Student: B.Sc. Joseph Magai Awuol Makuei
Supervisor: doc. Ing. Bohdan Lojka, Ph.D.
Opponent: Ing. Jan Hladký, Ph.D.

10:00 – 10:45

Antioxidative components in traditionally prepared seeds of *Plukenetia volubilis* L.

Student: Bc. Veronika Čamková
Supervisor: Ing. Petra Hlásná Čepková, Ph.D.
Opponent: Ing. Pavel Nový, Ph.D.

10:45 – 11:30

Determination of antimicrobial activities of some Kyrgyz medicinal plants

Student: Bc. Marie Netopilová
Supervisor: doc. Ing. Zbyněk Polesný, Ph.D.
Opponent: Ing. Pavel Nový, Ph.D.



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11:30 – 12:15

**Structure, function and management of rural and peri-urban homegardens in Osh
Province, Kyrgyzstan**

Student: Bc. Kateřina Šimková
Supervisor: doc. Ing. Zbyněk Polesný, Ph.D.
Opponent: Céline Termote, Ph.D.

12:15 – 13:00

Agroforestry Systems in Czech Republic

Student: Bc. Ondřej Zelba
Supervisor: doc. Ing. Bohdan Lojka, Ph.D.
Opponent: Ing. Antonín Martiník, Ph.D.



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Tropical Forestry and Agroforestry programme's Master students'

Theses Defences

of the academic year 2015/2016

01st June 2016

Chairman of Committee: **Dr. ir. Wouter Vanhove**
Ghent University, Belgium

8:30 – 9:15

**Comparison of general guidelines creation in selected tropical and subtropical forests
using examples from Vietnam, Indonesia and Turkey**

Student: Bc. Dominika Anderová
Supervisor: Ing. Lubomír Šálek, Ph.D.
Opponent: Ing. Peter Surový, PhD.

Tropical Crop Management and Ecology programme's Master students'

Theses Defences

of the academic year 2015/2016

01st June 2016

Chairman of Committee: **Dr. ir. Wouter Vanhove**
Ghent University, Belgium

09:15 – 10:00

Genetic diversity of baobab (*Adansonia digitata* L.) along an elevation transect in Kenya

Student: Bc. Anna Chládová
Supervisor: doc. Ing. Bohdan Lojka, Ph.D.
Opponent: Ing. Petra Hlásná Čepková, Ph.D.

10:00 – 10:45

Morphological and genetic diversity of camu-camu (*Myrciaria dubia*, Mc Vaugh) in Peruvian Amazon

Student: Bc. Jan Šmíd
Supervisor: doc. Ing. Bohdan Lojka, Ph.D.
Opponent: Ing. Petra Hlásná Čepková, Ph.D.

10:45 – 11:30

Assessment of Genetic Diversity of *Solanum sessiliflorum* Dunal by application of ISSR markers

Student: B.Sc. Sokhour May
Supervisor: Ing. Petra Hlásná Čepková, Ph.D.
Opponent: Mgr. Vladimíra Müllerová, Ph.D.

11:30 – 12:15

Assessment of genetic diversity in Sorghum (*Sorghum bicolor*) using RAPD marker

Student: B.Sc. José Alejandro Ruiz
Supervisor: doc. Dr. Ing. Eloy Fernández Cusimamani
Opponent: doc. Ing. PaedDr. Jana Žiarovská, Ph.D.



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12:15 – 13:00

Assessment of new yacon genotypes obtained via indirect somatic embryogenesis

Student: B.Sc. Stacy Hammond

Supervisor: Ing. Iva Viehmannová, Ph.D.

Opponent: Ing. Eva Beoni, Ph.D.

Sustainable Rural Development in Tropics and Subtropics programme's Master students'

Theses Defences

of the academic year 2015/2016

02nd June 2016

Chairman of Committee: **Dr. sc. agr. Christian Hülsebusch**
German Institute for Tropical and Subtropical Agriculture, Germany

8:30 – 9:15

**Women's role in agriculture and their access to agricultural information in Cusco region,
Peru**

Student: Bc. Fanny Puntaca Mamani
Supervisor: Ing. Alexander Kandakov, Ph.D.
Opponent: doc. Ing. Tomáš Dudáš, Ph.D.

09:15 – 10:00

Bio-Energy Carriers in Agriculture in the Republic of Zambia

Student: Bc. Banda Odjukwu
Supervisor: doc. Ing. Vladimír Krepl, CSc.
Opponent: Ing. Jakub Lev, Ph.D.

10:00 – 10:45

**Proposal of auxiliary water purification unit of the main water treatment centre for the
capital town Conakry - Guinea /Yessoulou/**

Student: Bc. Kadiatou Traore
Supervisor: doc. Ing. Vladimír Krepl, CSc.
Opponent: doc. Ing. Jakub Štibinger, CSc.

10:45 – 11:30

**Assessment of perception and acceptability of composting toilets in West Sumba,
Indonesia**

Student: Bc. Soňa Valčíková
Supervisor: doc. Ing. Jan Banout, Ph.D.
Opponent: Ing. Tereza Hnátková, Ph.D.



11:30 – 12:15

Influence of Essential Oil Blanching on Drying Kinetics of Dehydrated Meat

Student: B.Sc. Diego Antonio Claramount Ruiz
Supervisor: doc. Ing. Jan Banout, Ph.D.
Opponent: doc. Ing. Pavel Klouček, Ph.D.

12:15 – 13:15 Lunch

13:15 – 14:00

Evaluation of physical properties of rice cultivars grown in Kyrgyzstan

Student: Bc. Martina Nádvorníková
Supervisor: doc. Ing. Jan Banout, Ph.D.
Opponent: Ing. Adéla Fraňková, Ph.D.

14:00 – 14:45

Youth In Cooperatives in Georgia

Student: Bc. Petra Šrůtková
Supervisor: Ing. Jana Mazancová, Ph.D.
Opponent: doc. Mgr. Ing. Lukáš Zagata, Ph.D.

14:45 – 15:30

Optimization of small farmers production in Georgia

Student: B.Sc. Welcome Zimuto
Supervisor: Ing. Jana Mazancová, Ph.D.
Opponent: Ing. Jan Rydval, Ph.D.

15:30 Results Annoucement

Sustainable Rural Development in Tropics and Subtropics programme's Master students'

Theses Defences

of the academic year 2015/2016

03rd June 2016

Chairman of Committee: **Dr. sc. agr. Christian Hülsebusch**
German Institute for Tropical and Subtropical Agriculture, Germany

8:30 – 9:15

The challenges of Microfinance institutions in Ghana in relation to international financial source support

Student: B.Sc. Mavis Ohene Darko
Supervisor: Dipl.-Kfm. Tomáš Hes, Ph.D.
Opponent: Ing. Eva Gebriánová, Ph.D.

09:15 – 10:00

Market chain analyses of selected product in Cambodia

Student: Bc. Stanislav Flekač
Supervisor: Ing. Petra Chaloupková, Ph.D.
Opponent: Ing. Miloslav Petrtyl, Ph.D.

10:00 – 10:45

Water Management in Moldova

Student: Bc. Lukáš Tůma
Supervisor: prof. Ing. Bohumil Havrland, CSc.
Opponent: doc. Ing. Jakub Štibinger, CSc.

10:45 – 11:30

Drying of selected fish species in Cambodia

Student: Bc. Nikola Ždímalová
Supervisor: Ing. Iva Kučerová, Ph.D.
Opponent: Ing. Petr Ehl, Ph.D.



11:30 – 12:15

Assessment of guava (*Psidium guajava* L.) wood biomass for energy purposes

Student: B.Sc. Amilkar Hernando Mendoza Hernandez
Supervisor: Ing. Tatiana Ivanova, Ph.D.
Opponent: Ing. Jiří Souček, Ph.D.

12:15 – 13:15 Lunch

13:15 – 14:00

E Use of cotton plant waste biomass for solid biofuel production

Student: Bc. Magdaléna Stavjarská
Supervisor: Ing. Tatiana Ivanova, Ph.D.
Opponent: Ing. Jiří Souček, Ph.D.

14:00 – 14:45

Quality evaluation of solid biofuels based on rice straw waste biomass

Student: Bc. Monika Špunarová
Supervisor: Ing. Tatiana Ivanova, Ph.D.
Opponent: Ing. Abraham Kabutey, Ph.D.

14:45 – 15:30

Energy use of solid biofuels made of *Jatropha curcas* L. seed cake

Student: Bc. Christina Vlachosová
Supervisor: Ing. Tatiana Ivanova, Ph.D.
Opponent: Ing. Abraham Kabutey, Ph.D.

15:30 Results Annoucement