



## PROGRAM OF THE THIRD BIOECONOMY COURSE

### Day 1 (May 21, 2018)

#### Introduction to Bioeconomy

9:00 – 16:30 – location: [building F – room F3](#)

9:00 – 9:15 – *Official opening the course* – **Assoc. Prof. PhDr. Miloslav Lapka, CSc.** (Vice-dean for Science and Research of the Faculty of Economics, University of South Bohemia)

#### Lectures

9:15 – 9:45 – *Introduction to Bioeconomy* – **doc. Ing. Eva Cudlínová, CSc.** (Faculty of Economics, University of South Bohemia)

9:45 – 10:15 – *Bioeconomy Education in Europe and Worldwide* – **Dr. George Sakellaris** (Faculty of Economics, University of South Bohemia)

#### 10:15 – 10:30 – Coffee Break

10:30 – 11:00 – *EU support to research and innovation in bioeconomy* – **Ing. Nad'a Koničková** (Technology Center Czech of the Academy of Sciences)

11:00 – 11:45 – *Bioeconomy and Circular Economy. Principles Challenges and Open Questions* – **Prof. Konstantinos Vorgias, Ph.D.** (Faculty of Biology, National and Kapodistrian University of Athens, Greece)

11:45 – 12:00 – Group photo of all participants

#### 12:00 – 13:00 – Lunch

13:30 – 14:15 – *Participants' expectations and brief introduction*

14:15 – 14:45 – *Bioeast initiative – general information* – **Ing. Ladislav Jeřábek** (Ministry of Agriculture of the Czech Republic)

14:45 – 15:15 – *Forestry bioeconomy* – **doc. Ing. Miroslav Hájek, Ph.D.** (Faculty of Forestry and Wood Sciences of the Czech University of Life Sciences Prague)

#### 15:15 – 15:30 – Coffee Break

15:30 – 16:00 – *Microbial Culture Collections as valuable resources for promoting bioeconomy. The ATHUM Culture Collection of Fungi* – **Dr. Zacharoula Gonou** (Faculty of Biology, National and Kapodistrian University of Athens, Greece)

16:00 – 16:30 – *DanuBioValNet – clusters and development of the Bioeconomy in the Danube region* – **PaedDr. Pavla Břusková** (National Cluster Association, Czech Republic)

**Social programme:** 18:00 – Speakers' dinner at [local pub U Flíčků](#) – nearby the campus of the university



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## Day 2 (May 22, 2018)

### One day excursion – Bioeconomy in practice

8:00 – Departure from the [Faculty of Economics](#)

9:00 – 11:00 – *Development of biologically active preparations from algae and cyanobacteria* – **Prof. RNDr. Jiří Masojídek, CSc.** (Institute of Microbiology Academy of Sciences – [ALGATECH](#)), Czech Academy of Sciences of the Czech Republic, town of Třeboň – Opatovický mill

12:30 – 13:30 – Lunch – Jihlava, [Brewery restaurant](#)

14:00 – 16:00 – **Biogas plant**, unconventional use of hemp, [Biofarma Sasov by Jihlava](#)

## Day 3 (May 23, 2018)

9:00 – 12:00 – location: [building F – room F3](#)

### Lectures

9:00 – 10:00 – *Use of bio pesticides for integrated pest management and samples from Turkey* – **Prof. Dr. İsmail Karaca** (Agricultural Faculty, Süleyman Demirel University, Turkey)

10:00 – 10:30 – *Bioprospecting for 2<sup>nd</sup> Generation Biorefineries* – **Dr. Dimitris Hatzinikolaou** (Faculty of Biology, National and Kapodistrian University of Athens, Greece)

10:30 – 10:45 – Coffee Break

10:45 – 11:15 – *Aquaponics as an example of long-term sustainable food production.* – **doc. Ing. Jan Mráz, Ph.D** (Institute of Aquaculture and Protection of Waters, Faculty of Fisheries and Protection of Waters, University of South Bohemia)

11:15 – 11:45 – *Food land vs. Energy land in Brazil* – **Assoc. Prof. Valny Giacomelli Sobrinho** (Universidade Federal de Santa Maria, Brazil)

12:00 – 13:00 – Lunch

### Afternoon excursion to labs with an expert guide

13:00 – 15:00 – location: [building ZR – Faculty of Agriculture](#)

13:00 – 15:00 – *Testing of bio-preparations for plant preservation and soil enrichment* – **Ing. Andrea Bohatá, Ph.D.** (Faculty of Agriculture, University of South Bohemia)



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## Day 4 (May 24, 2018)

9:00 – 12:00 – location: [building F – room F3](#)

### Lectures

9:00 – 9:45 – *Biogas plants - decentralized renewable energy sources* – Ing. Miroslav Kajan (Czech Biogas Association)

9:45 – 10:15 – *On the edge of an era: Bioplastics* – Ing. Nikola Sagapova (Faculty of Economics, University of South Bohemia)

10:15 – 11:00 – *Assessing the local impacts of building RES* – Ing. Lenka Zemková (FHS UK Faculty of Humanities, Charles University and FSE UJEP Faculty of Social and Economic studies, Jan Evangelista Purkyně University in Usti nad Labem)

11:30 – 12:30 – Lunch

### Afternoon excursion – Pyrolysis of wooden chips

13:00 – Departure from the [Faculty of Economics](#)

14:00 – 16:00 – location: [Svatý Jan nad Malší](#)

## Day 5 (May 25, 2018)

9:00 – 14:00 – location: [building F – room F3](#)

### Lectures

9:00 – 9:30 – *Biovoices Project: For a prosperous bioeconomy* – Martin Vlachynský (PEDAL Consulting, Slovakia)

9:30 – 10:00 – *Monitoring the EU Bioeconomy from a global perspective* – Elisabeth Marie Louise de Schutter (Vienna University of Economics and Business, Austria)

10:00 – 10:15 – Coffee Break

### Presentation of students' teamwork results

10:15 – 14:00 – Presentation will use the theoretical and practical information that students gained during the course. They will try to apply them for practical cases of suggested bioeconomic practice in their own country.



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