

PROGRAMME SUMMER SCHOOL September 9 – 13, 2013 Velka Klajdovka, Brno, CZ

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	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	:00	:30	
Mo											Introduction and lectures							Lectures					
Tue	Lectures					Lectures						Lectures					Lectures						
Wed	Excursion																						
Thu	Excursion																						
Fri		Lectures					Conclus.				Visit of campus												

Monday, September 9th 2013

13:00 Official welcome by the representative of the University

13:15 Introduction of the participants and information about the course of the Summer School

13:30 Organisation instructions

Chair: prof. Márton Jolánkai

14:00 Czech agriculture and its issues – **Jan Křen**

14:40 Review of methods for sustainability assessment in agriculture – **Soňa Dušková**

15:20 Sustainability management at farm scale – concept, operationalization and application –
Norman Siebrecht

16:00–16:30 – Coffee break

Chair: Dr. Norman Siebrecht

16:30 Efficient biodiversity indicators in the context of sustainable agriculture – background, development and application – **Sebastian Wolfrum**

17:10 Mainstreaming biodiversity conservation into the cocoa growing landscape in southwestern Ghana – **Vincent Awotwe-Pratt**

17:50 Size structure of fields in productive and less favoured areas of the CR – **Jaroslav Novák**

18:30 – Dinner

Tuesday, September 10th 2013

Chair: prof. Márta Birkás

8:00 Climate change and crop production adaptation – **Márton Jolánkai**

8:40 A water stress assessment survey based on the evapotranspiration balance of major field crop species – **Ágnes Fekete**

9:20 Land sustainability assessment models for crops – **Boris Đurđević**

10:00–10:30 – Coffee break

Chair: prof. Josef Tyburski

10:30 Phenomena of the climate extremes on agricultural soil – Mitigation steps – **Márta Birkás**

11:10 Soil quality problems induced by extreme climate conditions – **Barnabás Pósa**

11:50 Popularization of soil fertility control among land users – **Sinisa Cvjetkovic**

12:30–13:30 – Lunch

The summer school is organized in the framework of the project number CZ.1.07/2.3.00/20.0005

Chair: prof. Daniel Jug

13:30 The roots of water and nutrient (P) efficiency – **Hans-Peter Kaul**

14:10 Influence of sowing date (autumn vs. spring) on crop development, yield and yield structure of wheat, triticale, einkorn and pea – **Rea Hall**

14:50 Facultative cropping of wheat in the context of the risks by pests weeds and diseases – **Anna Wenda-Piesik**

15:30 – 16:00 – Coffee break

Chair: prof. Anna Wenda-Piesik

16:00 Productional and environmental efficiency of agro-practices applied in winter wheat monoculture – **Dariusz Kulpa**

16:40 Effect of post-harvest cultivation using straw and bio-compounds in monoculture of winter wheat in aspect of wheat productiveness, soil quality and herbivorous insects – **Dorota Walczak**

17:20 The role of precision agriculture in sustainable crop management – **Vojtěch Lukas**

18:00 – Dinner

Wednesday, September 11th 2013 – excursion to farms and middle Moravia

8:00 Departure from Brno

In the morning we will visit one farm and The Battle of the Three Emperors Memorial (near Austerlitz). After lunch we will visit one more farm and Agricultural Research Institute and castle of Kroměříž.

20:00 Dinner (back in hotel)

Thursday, September 12th 2013 – excursion to farms and southern Moravia

8:00 Departure from Brno

In the morning we will visit the field experimental station of the Mendel University in Žabčice and one organic farm. After lunch we will see one more farm, we will visit the castle and parks in Lednice and the vine cellars in Valtice, where we will also have a dinner.

22:30 Arrival back to Brno

Friday, September 13th 2013

Chair: prof. Hans-Peter Kaul

8:30 Environmental and yielding aspects of conversion to organic farming – a case study – **Josef Tyburski**

9:10 Status, perspectives and sustainability of cropping systems practices in Croatia – **Daniel Jug**

9:50 Sustainability of agriculture in the most vulnerable areas of water management (Březová nad Svitavou) – the use of biological methods of evaluation – **Jaroslav Záhora**

10:30–11:00 – Coffee break

11:00 Evaluation of the Summer School, discussion, possibilities for cooperation and conclusions – **Jan Křen**

12:00–13:00 – Lunch

13:00–16:00 – Visit of the Mendel University Campus and Arboretum