

**Timetable of Summer School CUPAGIS+NICOPA 2022, held in CZU Prague, CR,
from 25th to 29th July 2022**

Title:

Through research toward practical application of Precision Agriculture.

Timetable:

Saturday, July 23rd, Sunday 24th, 2022

Arrival of participants, accommodation at CZU students' dormitory

Monday, July 25th, 2022

Place: CZU Prague, Faculty of Engineering, Auditorium M2

a.m.

8,00 – 9,00 Attendance of summer school participants.

9,00 Introducing CZU, Faculty of Engineering. Welcome speech. Laboratory tour (prof. Kumhála).

10,00-10,15 coffee break

10,15-12,00 University Campus tour, Laboratory tour (prof. Kumhála)

12,00 -13,00 Lunch in the University dining hall (Menza).

p.m.

Introductory lectures:

13,00 – 14,00 Precision Agriculture as a tool for natural resource management (prof. Kumhála)

14,00 – 15,00 Monitoring of crop production using satellite sensing (ass. prof. Kumhálová)

Tuesday, July 26th, 2022

Place: Experimental farm Stekník, Žatec

a.m.

8.00 Bus departure from Menza CZU towards Žatec.

10.00 Visit of Hop Research Institute Zatec, experimental farm in Stekník. Practical demonstration of the use of capacitive throughput sensor for hop picking machine control. Practical demonstration of hop field imaging using UAVs (when the weather permits). Practical examples of other special crops imaging.

p.m.

13,00 – 14,00 Lunch at U Orloje restaurant, Žatec.

14,00 – 15,00 Guided visit of the Hop Museum in Žatec.

15,30 Return to the CZU in Prague.

Wednesday, July 27th, 2022

Place: CZU Prague, Faculty of Engineering, Auditorium M2, Circular hall

a.m.

8,00 – 9,00 Recipes for cooking an appealing presentation (prof. Soomere)

9,00 – 10,00 Practical demonstration of robotic team results. State of the art and the potential of field robots use (ass. prof. Kroulík).

10,00-10,15 coffee break

10,15 – 12,00 Practical demonstration of robotic team results. State of the art and the potential of field robots use (ass. prof. Kroulík).

12,00 -13,00 Lunch in the University dining hall (Menza).

p.m.

13,00 – 14,00 CPZ - Centre for Precision Farming at CZU Prague. CPZ goals, mission and current activities (prof. Kumhála).

14,00 - ??? Time for Coordination meetings, discussion of projects etc.

Thursday, July 28th, 2022

Place: Agricultural farm Dolní Újezd, Litomyšl

a.m.

6.00 ! Bus departure from Menza CZU towards Litomyšl.

9,00 Departure to ZD Dolní Újezd. Excursion around the farm. Demonstration of the use of precision farming technologies in practical operation of agricultural holdings.

p.m.

13,00 – 14,00 Lunch in restaurant at Dolní Újezd.

14,00 – 15,30 Short visit of Litomyšl city. Historic town with a castle. The beginning of the current Czech EU presidency took place here last month.

16,00 Return to the CZU in Prague.

Friday, July 29th, 2022

Place: CZU Prague, Faculty of Engineering, Auditorium M2

a.m.

8,30 Practical examples-satellite remote sensing (calculating spectral indices, yield potential, yield maps), ass. prof. Kumhálová.

10,00-10,15 coffee break

10,15-12,00 Evaluation of summer school.

12,00 -13,00 Lunch in the University dining hall (Menza).

p.m.

13,00 - ??? Evaluation of summer school.

Saturday, July 30th, Sunday, July 31st, 2022

Departure of the participants to home countries.