



## SUMMER SCHOOL ON REMOTE SENSING METHODOLOGIES IN AGRICULTURE

SZERENCSS, 2 JULY 2018 – 4 JULY 2018

AGENDA	
<b>STUDY UNIT I – APPLIED REMOTE SENSING SOLUTIONS</b>	
2 July 2018 Monday	
08:00-09:50	Registration
09:50-10:00	Opening the Summer School
10:00-11:30	<b>Dr. Szilárd Szabó (University of Debrecen): Basics of remote sensing</b>
11:30-13:00	Lunch break
13:00-14:30	<b>Dr. Dénes Sulyok (KITE Zrt.): The opportunities and challenges of precision agriculture</b>
14:30-14:40	Break
14:40-16:10	<b>Dr. Endre Dobos (University of Miskolc): Field scale soil variability mapping to support precision agriculture</b>
3 July 2018 Tuesday	
09:00-10:30	<b>Boglárka Keller (National Agricultural Research and Innovation Centre): Applying hyperspectral remote sensing processes in precision agriculture</b>
10:30-10:40	Break
10:40-12:10	<b>Márk Pálinkás (Amores Robotics Kft.): Monitoring of agricultural fields, game damage survey with visual interpretation according to UAV images</b>
12:10-13:30	Lunch break
<b>STUDY UNIT II – IMAGE PROCESSING AND ANALYSIS</b>	
13:30-15:00	<b>Dr. Sándor Király (Eszterházy Károly University of Applied Sciences): Analyzing the fertility of energy plants by processing UAV images</b>
15:00-15:10	Break
15:10-16:40	<b>Melinda Pap (Eszterházy Károly University of Applied Sciences): GIS data processing by the help of machine learning</b>
4 July 2018 Wednesday	
<b>STUDY UNIT III – TECHNOLOGICAL SESSION</b>	
08:30	Travel to the field work Meeting point: hall of the hotel
09:00-12:10	<b>Eduard Dvorný (Pavol Jozef Šafárik University): Aerial laser scanning and UAV photogrammetry</b>
12:30-13:45	Lunch break
13:45-15:15	<b>Mgr. Michal Lacko (Pavol Jozef Šafárik University): UAV in agriculture - examples of UAV use from Slovakia</b>
15:15-15:45	Delivery of certifications

### LOCATION INFORMATION

The Summer School takes place in Hotel Meggyes ([Szerencs](#), Zrínyi street 9). Lectures are held in the conference room of the hotel. Meals are served in the restaurant of the hotel.