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Erasmus+ Project

New curricula in Precision Agriculture using GIS technologies and sensing data

(CUPAGIS)

Online Master Classes

February 2021

EXOLAUNCH

Online Master Classes Program

February 2021 (Central European Time)

Wed. 10.02.2021	**Eng. Daria Stepanova** **EXOLAUNCH GmbH**
10:30 – 12:30	**CubeSat Technology**
	CubeSat design, technologies and applications; How to launch a CubeSat; CubeSat subsystems

Thu. 11.02.2021	**Prof. František Kumhála** **Czech university of life sciences Prague, Prague, the Czech Republic**
10:30 – 12:30	**Yield Sensors for Precision Agriculture**
	Yield sensors for forages, principles, problems

Fr. 12.02.2021	**Prof.Dr Zhulieta Arnaudova** **Agricultural University – Plovdiv, Plovdiv, Bulgaria**
10:30- 12:30	**Using Landsat and Sentinel Satellities for Agricultural field monitoring**
	Landsat overview, Sentinel overview, Web platforms for using imagery

Thu. 18.02.2021	**Dr. Jitka Kumhálová** **Czech university of life sciences Prague, Prague, the Czech Republic**
10:30 – 12:30	**Use of spectral information**
	Spectral properties, spectral curves, principles, problems, utilization

Fr. 19.02.2021	**Prof. Krum Hristov** **Agricultural University – Plovdiv, Plovdiv, Bulgaria**
10:30 – 12:30	**Global Navigation Satellite Systems (NAVSTAR, GLONASS, GALILEO, etc.)**
	BeiDou Navigation Satellite System, China (BDS) Europe's Global Navigation Satellite System (Galileo) Indian Regional Navigation Satellite System (IRNSS) Quasi-Zenith Satellite System, Japan (QZSS)