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Erasmus+ Project

New and Innovative Courses for Precision Agriculture (NICOPA)

Erasmus+ 597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP

Online Master Classes

2021



EXOLAUNCH



Online Master Classes Program

January 2021 (Central European Time)

Wed. 13.01.2021	Prof. Dr. Dimo Atanasov Agricultural University – Plovdiv, Plovdiv, Bulgaria
10:30- 12:30	General introduction of modern agriculture and business
	<ul style="list-style-type: none"> - World's natural resources - realities, challenges, possibilities - Economic growth and sustainability - Agricultural production systems - specifics, types and functions - Relationships between resources, technologies and production - Innovations in agriculture

Thu. 14.01.2021	Prof. František Kumhála Czech university of life sciences Prague, Prague, the Czech Republic
10:30 – 12:30	Yield Sensors for Precision Agriculture
	<ul style="list-style-type: none"> - Basic overview - Yield sensors for grain - basic principles - Yield sensors for grain - calibration, errors

Fr. 15.01.2021	Prof. Krum Hristov Agricultural University – Plovdiv, Plovdiv, Bulgaria
10:30 – 12:30	Global Navigation Satellite Systems (NAVSTAR, GLONASS, GALILEO, etc.)
	<ul style="list-style-type: none"> - GNSS Overview and Architecture. Coordinate and Time Systems - Basic GNSS Concepts. Satellite Systems - GPS (Global Positioning System, United States)

Tue. 19.01.2021	MBA Elena Eyngorn Technische Universität Berlin, Berlin, Germany
10:30 – 13:30	Soft Skills for Engineers
	Leadership, Hard Skills, Soft Skills, Presentations Skills

Thu. 21.01.2021	Dr. Jitka Kumhálová Czech university of life sciences Prague, Prague, the Czech Republic
10:30 – 12:30	Data from Drones - Application and Processing, Principles of Photographic Interpretation
	- Definition, Differentiation, Flight Planning, Images Processing, Photographic Interpretation