

# SmAgTech EXPO

SMART AGRITECHNOLOGY EXPO

NOVEMBER — 16 - 17 — 2021



## AGENDA

### CONFERENCE



16.11.2021.

Time	Item / presenter	Moderator
10:00-10:45	INTRODUCTORY WORD AND ANNOUNCEMENT OF THE EVENT	
10.05-10.10	<b>Radoslav Gajanin, professor</b> <i>Rector of the University of Banja Luka</i>	
10.10-10.15	<b>Miljan Cvetković, professor</b> <i>University of Banja Luka Faculty of Agriculture</i>	
10.15-10.20	<b>Suad Muhibić</b> <i>Director of the National Erasmus + Office in BiH</i>	
10.20-10.25	<b>Sorin-Mihai CÎMPEANU, professor</b> <i>Minister of Education Government of Romania</i>	Jelena Rožić Nataša Čereković
10.25-10.30	<b>Mag. Aleš Irgolič</b> <i>State Secretary</i> <i>Ministry of Agriculture, Forestry and Food, Republic of Slovenia</i>	
10.30-10.35	<b>Ahmed Džubur, professor</b> <i>Chairman of the Agricultural Committee of Parliament of the Federation of Bosnia and Herzegovina</i>	
10.35-10.40	<b>Boris Pašalić, professor</b> <i>Minister of Agriculture, Water Management and Forestry</i> <i>Government of Republika Srpska</i>	

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11:00-13:00	PLENARY SESSION	
11:00-11:30	<b>Digital Twin patterns for Precision Agriculture</b> <i>Bedir Tekinerdogan, Wageningen University &amp; Research</i>	
11:30-12:00	<b>Precision Agriculture Bottlenecks and Obstacles for its Extensive Deployment</b> <i>Boris Antić, Faculty of Technical Science University of Novi Sad</i>	
12:00-12:30	<b>Digital transformation of Serbian agriculture</b> <i>Oskar Marko, Assistant Director at BioSense, co-founder of Cropt</i>	Alma Šećerbegović
12:30-13:00	<b>Optimizing Fruit Tree Architecture for Production Efficiencies, ICT Adaptation, High Yields and Premium Quality Fruit</b> <i>Gregory Lang, Michigan State University</i>	
13:00-14:00	Pause	
14:00-16:00	AGRICULTURE AND ICT – PANEL SESSION	
	<ul style="list-style-type: none"><li>• <b>mr. Adnan Hodžić</b>, General manager, "Plant d.o.o" Tuzla</li><li>• <b>Milan Škundrić</b>, "Farma Škundrić", Prijedor</li><li>• <b>MSc Božidar Krunić</b>, MSc Viticulture, oenology and wine economy, Company development sector "Plantaže 13 Jul"</li><li>• <b>Momir Alvirović</b>, Agrodron Tim, Beograd</li></ul>	Željko Vaško

## FAIR

11:00-20:00	Free sightseeing after the official opening of the fair	
13:00-14:00	Live meetings <ul style="list-style-type: none"><li>• Meetings with students</li><li>• B2B meetings or pre-scheduled meetings</li></ul>	

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<b>PARALLEL SESSIONS</b>		
<b>10:00-12:00 SMART FRUIT GROWING</b>		
10:00-10:30	<b>Present and perspectives of European fruit production</b> <i>Florin Stănică</i> <i>Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest</i>	
10:30-11:00	<b>How the use of sensors and camera's and IoT make it possible to manage at an tree level in fruit growing</b> <i>Peter Frans de Jong</i> <i>Wageningen University &amp; Research</i>	Miljan Cvetković
11:00-11:30	<b>Agricultural land management using GIS-based multicriteria analysis of hazelnut land suitability</b> <i>Mladen Jurišić,</i> <i>Faculty of Agrobiotechnical Sciences Josip Juraj Strossmayer University of Osijek</i>	
11:30-12:00	<b>Efficient orchards and vineyards management using AI-driven UAVs</b> <i>João Valente</i> <i>Wageningen University &amp; Research</i>	



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10:00-12:00

## VITICULTURE AND WINEMAKING

10.00-10.30

**Viticulture and winemaking: new possibilities and challenges**

*Sanja Radonjić*

*"13. JUL – PLANTAŽE" a.d*

10.30-11.00

**From farm to fork - DEMETER style**

*Srđan Krčo*

*Co-founder and CEO of DunavNET*

Katarina Gošović

11.00-11.30

**Prototype system for adaptive application of phytosanitary products used in agriculture**

*Jurij Rakun*

*Faculty of Agriculture and Life Sciences University of Maribor*

10:00-12:00

## FOOD INDUSTRY

10.00-10.30

**Food quality and safety - Centre of Excellence (FoodHub)**

*Aleksandra Martinović*

*Professor and Director of the Centre of Excellence (FoodHub), University of Donja Gorica*

10.30-11.00

**Automation and Robotics in the food industry**

*Mirjana Čurlin*

*Department of Process Engineering, University of Zagreb  
Faculty of Food Technology and Biotechnology*

Jovana Drobnjak

11.00-11.30

**Software solutions for risk assessment - application of digital tools**

*Andrea Milačić*

*University of Donja Gorica, Centre of Excellence (FoodHub)*

11.30-12.00

**Food safety risk assessment**

*Amil Orahovac*

*University of Donja Gorica, Centre of Excellence (FoodHub)*

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10:00-12:00

## FUTURE TODAY

10.00-10.30

**Current status and innovation in technologies of plant factory in China**

*Yuxin Tong*

*Chinese Academy of Agricultural Sciences (CAAS)*

*Institute for Environment and Sustainable Development in Agriculture*

10.30-11.00

**Advance learning techniques and digital tools for water management systems**

*Luigi Capodiecì*

*Sysman Progetti & Servizi S.r.l, Italy*

Alisa Hadžiabulić

11.00-11.30

**What is needed for smart fertilization?**

*Sergej Kranjc*

*CEO Termodron, Co-Founder*

11.30-12.00

**Smart approaches to livestock production**

*Daniel Falta*

*Mendel University in Brno, Department for Animal Breeding*

10:00-12:00

## SAVE THE PLANTS

10.00-10.30

**A Multi-Task Deep Learning Model for Plant Disease Classification**

*Aydin Kaya<sup>1</sup>, Catal Cagatay<sup>2</sup>*

*<sup>1</sup>Associate Professor, Hacettepe University, Computer Engineering department*

*<sup>2</sup>Professor, Qatar University, Computer Science & Engineering Wageningen University & Research*

10.30-11.00

**Digital technologies and beekeeping**

*Zdenka Babić*

*Faculty of Electrical Engineering, University of Banja Luka*

Petar Nikolić

11.00-11.30

**Experience with: [www.agroupozorenje.rs](http://www.agroupozorenje.rs) decision support system in plant protection**

*Dragan Vajgand<sup>1</sup>, Florian Farkaš<sup>2</sup>*

*<sup>1</sup>Agroprotekt doo*

*<sup>2</sup>Rona konsalting PR*

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12:00-13:00

Pause

13:00-15:00

STUDENTS AND ICT – PANEL SESSION

- **Sanjin Omerović**, Founder of startup studio Digital and few more tech startups
- **Dejan Babić**, Hackaton team *GoDigital*
- **Martin Spaić**, Hackaton team *Demetra*
- **Luka Manojlović**, Hackaton team *Mechanic Crops*
- **Lejla Bašić**, Hackaton team *Full Stack*
- **Želimir Maletić**, Hackaton team *AgroCode*
- **Kasim Fejzić**, Hackaton team *Demetra*
- **Danijel Tolj**, Hackaton team *GreenIT*
- **Denis Tojaga**, Hackaton team *Bambus*

Aleksandar Janičić  
Ana Bogdanović

## FAIR

10:00-20:00

Free sightseeing of the fair

12:00-13:00

Live meetings

- Meetings with students
- B2B meetings or pre-scheduled meetings