

2nd Seminar

Master in ICT in Agricultural Sciences

<https://ict-agriculture.com/>

October 26th-30th 2020

**Faculty of Agrobiotechnical Sciences Osijek (FAZOS) &
 Faculty of Electrical Engineering, Computer Science and Information
 Technology Osijek (FERIT)**

University of Josip Juraj Strossmayer in Osijek

Campus, Osijek, Croatia

Final Schedule

Monday, October 26th 2020 – Opening & Lectures		
9 ⁰⁰ -14 ⁰⁰	9 ⁰⁰ -9 ³⁰ The Opening Ceremony & Introduction to Seminar 9 ³⁰ -10 ⁰⁰ Press Releases 10 ⁰⁰ -10 ³⁰ Zdenko Lončarić - Master in ICT in agriculture – General INFO 10 ³⁰ -14 ⁰⁰ Presentations & Workshops 10 ³⁰ -11 ¹⁵ Ranko Gantner – <i>Development of a Grazing Plan</i> 11 ¹⁵ -11 ⁴⁵ Ivana Varga - <i>Supervised control of Cercospora leaf spot</i> 11 ⁴⁵ -12 ⁰⁰ Tomislav Katančić – <i>Impact of COVID-19 lockdown on sales of the local agro-food products - eCeker.hr experience</i> 12 ⁰⁰ -14 ⁰⁰ Discussion & Snack Break & Next Day Info	FAZOS Campus Osijek Aula Magna 2nd Floor, Northeast Wing
Tuesday, October 27th 2020 – Field Trip & Business Excursion		
09 ⁰⁰ -14 ⁰⁰	Business Excursion – Filakov, Gajić - departure from FAZOS at 9:00 a.m.	Gajić, Baranja
Wednesday, October 28th 2020 – Demonstration & Lectures		
09 ⁰⁰ -15 ⁰⁰	9 ⁰⁰ -10 ³⁰ Ivan Plaščak (FAZOS), Jerković d.o.o. - Demonstration - Agricultural Tractor in Precision Agriculture 10 ⁴⁵ -12 ⁰⁰ Lectures & Presentations & Workshops 10 ⁴⁵ -11 ⁰⁰ Sanja Milković Jelić – <i>Constructing Experimental Design for Discrete-Choice Experiment</i> 11 ⁰⁰ -12 ⁰⁰ Vlatko Galić - <i>Predicting the outcomes of field trials using integrative adaptive modelling: models and approaches</i>	FAZOS Campus Osijek Aula Magna 2nd Floor, Northeast Wing

	<p>12⁰⁰-13³⁰ Discussion & Snack Break</p> <p>13³⁰-14¹⁵ Lectures & Presentations 13³⁰-13³⁰ Juraj Bučević – Community supported agriculture & web platform for farmers 13³⁰-14⁰⁰ Kristina Kotromanović - The role of digitalization in the development of rural tourism 14⁰⁰-14¹⁵ Ivan Rastija, Antonio Peharda – ICT in agriculture from a student point of view</p> <p>14¹⁵-15⁰⁰ Discussion & Next Day Info</p>	<p>FAZOS</p> <p>Campus Osijek</p> <p>Aula Magna</p> <p>2nd Floor, Northeast Wing</p>
Thursday, October 29th 2020 – Lectures & Workshops		
09 ⁰⁰ -15 ⁰⁰	<p>9⁰⁰-12⁰⁰ Lectures & Presentations & Workshops 9⁰⁰-9³⁰ Goran Kušec – Blockchain in meat production 9³⁰-10⁰⁰ Jurica Jović - What about microbes 10⁰⁰-12⁰⁰ Matija Žulj - Digital transformation of the value chain in agriculture</p> <p>12⁰⁰-13⁰⁰ Discussion & Snack Break</p> <p>13⁰⁰-14⁰⁰ Lectures & Presentations 13⁰⁰-14⁰⁰ Vedran Stapić - How to spread the word about agri product, service or event on the Internet?</p> <p>14⁰⁰-15⁰⁰ Discussion & Next Day Info</p>	<p>FAZOS</p> <p>Campus Osijek</p> <p>Aula Magna</p> <p>2nd Floor, Northeast Wing</p>
Friday, October 30th 2020 – Lectures & Workshops		
09 ⁰⁰ -14 ⁰⁰	<p>9⁰⁰-12⁰⁰ Lectures & Presentations & Workshops 9⁰⁰-9³⁰ Tomislav Vinković – IoT in Greenhouse 9³⁰-10⁰⁰ Boris Ravnjak - Energy & Heating Management in Greenhouse 10⁰⁰-10³⁰ Vesna Gantner - Precision pig farming</p> <p>10³⁰-10⁴⁵ Break 10⁴⁵-11¹⁵ Vladimir Ivezić, Helena Žalac - Ecological modelling by different softwares 11¹⁵-11⁴⁵ Vesna Rastija - Molecular docking 11⁴⁵-12¹⁵ Ivana Vinković Vrček - Improving effectiveness of bioproducts by environmentally friendly and sustainable nanotechnologies</p> <p>12¹⁵-14⁰⁰ Discussion & Closing Minutes of Seminar & Snack Break</p>	<p>FAZOS</p> <p>Campus Osijek</p> <p>Aula Magna</p> <p>2nd Floor, Northeast Wing</p>

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Lectures & Presentations & Workshops

1. **Development of grazing plan** - Ranko Gantner (Faculty of Agrobiotechnical Science Osijek)
2. **Supervised control of Cercospora leaf spot** – Ivana Varga (Faculty of Agrobiotechnical Science Osijek)
3. **Impact of COVID-19 lockdown on sales of the local agro-food products - eCeker.hr experience** – Tomislav Katančić (Private sector)
4. **Agricultural tractor in the service of precision agriculture** - Ivan Plaščak (Faculty of Agrobiotechnical Science Osijek), Jerković d.o.o. (Private sector)
5. **Constructing Experimental Design for Discrete-Choice Experiment** – Sanja Jelić Milković (Faculty of Agrobiotechnical Science Osijek)
6. **Predicting the outcomes of field trials using integrative adaptive modelling: models and approaches** – Vlatko Galić (Agricultural Institute Osijek)
7. **Community supported agriculture & web platform for farmers** – Juraj Bučević (Private sector)
8. **The role of digitalization in the development of rural tourism** - Kristina Kotromanović (Private sector – Villa Mons Aureus)
9. **ICT in agriculture from a student point of view** - Ivan Rastija, Antonio Peharda (Faculty of Agrobiotechnical Science Osijek – students)
10. **Blockchain in meat production** - Goran Kušec (Faculty of Agrobiotechnical Science Osijek)
11. **What about microbes** – Jurica Jović (Faculty of Agrobiotechnical Science Osijek)
12. **Digital transformation of the value chain in agriculture** – Matija Žulj (Agrivi d.o.o. – Private sector)
13. **How to spread the word about agri product, service or event on the Internet?** – Vedran Stapić (Agroklub)
14. **IoT in Greenhouse** - Tomislav Vinković (Faculty of Agrobiotechnical Science Osijek)
15. **Energy & Heating Management in Greenhouse** - Boris Ravnjak (Faculty of Agrobiotechnical Science Osijek)
16. **Precision pig farming** – Vesna Gantner (Faculty of Agrobiotechnical Science Osijek)
17. **Ecological modelling by different softwares** – Vladimir Ivezić, Helena Žalac (Faculty of Agrobiotechnical Science Osijek)
18. **Molecular docking** - Vesna Rastija (Faculty of Agrobiotechnical Science Osijek)
19. **Improving effectiveness of bioproducts by environmentally friendly and sustainable nanotechnologies** – Ivana Vinković Vrček (Institute for Medical Research and Occupational Health)