

9:00 – 10:30	Registration (Entrance of the Conference hall, 1 <sup>st</sup> floor)
10:30 – 11:30	Symposium opening (Conference hall, 1 <sup>st</sup> floor, no. 130)
	<b>Dr Ivan Zlatanović</b> , Faculty of Mechanical Engineering, ISAE2023 Scientific Committee President
	<b>Dr Vladan Bogdanović</b> , Faculty of Agriculture, Vice dean for Science
	<b>Dr Dragoslava Stojiljković</b> , Faculty of Mechanical Engineering, Vice dean for Science
	<b>Dr Marina Sokolović</b> , The Ministry of Science, Technological Development and Innovation
	<b>Co-organizers</b> Words of greeting <b>Dr Miloš Pajić</b> , Faculty of Agriculture, ISAE2023 Organizing Committee President
11:30 – 14:10	<b>Session I</b> – Digitalization in agriculture, smart applications, AI (Conference hall, 1 <sup>st</sup> floor)
	<b>Chairmen:</b> Dr <b>Vojislav Simonović</b> , Dr <b>Laszlo Mago</b> , Dr <b>Zoran Mileusnić</b>
<b>Block 1</b>	11:30 – 11:50 Guest Speaker - Dr <b>Burkhard Wrenger</b> - Mobile SmartFarmOWL: A PROJECT SUPPORTING THE PROCESS OF DIGITALISATION FOR GERMAN FARMERS
	11:50 – 12:10 Guest Speaker - Dr <b>Subramani Sekar</b> - Artificial Intelligence Applications In Agriculture: RECENT ADVANCES AND PERSPECTIVES
	12:10 – 12:30 Guest Speaker - Dr <b>Martzoopoulou Anastasia</b> - Plant-IT: A SMART CITY APPLICATION FOR GREENING THE URBAN SPACE WITH CITIZEN'S PARTICIPATION
	12:30 – 12:40 Q/A for block 1
<b>12:40 – 13:00</b>	<b>Coffee break (Room 115, 1st floor)</b>
<b>Block 2</b>	13:00 – 13:15 Dr <b>Mago Laszlo</b> - DIGITALISATION AS A TOOL FOR FARMERS COOPERATION CONCERNING PROCUREMENT AND DISTRIBUTION MANAGEMENT
	13:15 – 13:30 Dr <b>Vili Dragomir</b> - THE FUTURE OF INFORMATION SYSTEMS FOR ROMANIAN FARMING SECTOR
	13:30 – 13:45 Dr <b>Nataša Ljubičić</b> - DIFFERENT NDVI MEASUREMENTS FOR EARLY GRAIN YIELD ESTIMATION OF MAIZE
	13:45 – 14:00 Dr <b>Mitra Vesović</b> - OVERVIEW OF THE USE OF CONVOLUTIONAL NEURAL NETWORKS IN PLANT DISEASE RECOGNITION BASED ON THE LEAF IMAGE
	14:00 – 14:10 Q/A for block 2
14:10 – 14:45	Poster presentations and Discussion (Room 115, 1 <sup>st</sup> floor)
<b>14:45 – 15:30</b>	<b>Lunch (Students restaurant, ground floor)</b>
15:30 - 18:10	<b>Session II</b> – Agroeconomics, Circular economy, Sustainable agriculture (Conference hall, 1 <sup>st</sup> floor)
	<b>Chairmen:</b> Dr <b>Tamara Paunović</b> , Dr <b>Steliana Rodino</b> , Dr <b>Nebojša Nedić</b>
<b>Block 3</b>	15:30 – 15:45 Dr <b>Marian Butu</b> - ADVANCE OF DATA DRIVEN TECHNICAL-ECONOMIC MODELS FOR OPTIMIZATION OF ROMANIAN FARMER PRODUCTION PROCESSES
	15:45 – 16:00 Dr <b>Jovana Rakićević</b> - ENTREPRENEURIAL ORIENTATION OF FAMILY FARMS IN THE REPUBLIC OF SERBIA – ANALYSIS AND DETECTION OF DIRECTIONS FOR SUPPORT
	16:00 – 16:15 Dr <b>Steliana Rodino</b> - INTEGRATION OF AGRICULTURAL PRODUCTION TOWARDS CIRCULAR ECONOMY PRINCIPLES
	16:15 – 16:30 Dr <b>Sanjin Ivanović</b> - ANALYSIS OF COSTS RELATED TO BUILDINGS, MACHINERY AND EQUIPMENT BASED ON FADN DATA
	16:30 – 16:40 Q/A for block 3
<b>16:40 – 17:00</b>	<b>Coffee break (Room 115, 1st floor)</b>
<b>Block 4</b>	17:00 – 17:20 Guest Speaker - Dr <b>Jefferson Josué Sandoval Betanco</b> - DigiBee: DIGITIZATION OF BEEKEEPING
	17:20 – 17:40 Dr <b>Nebojša Nedić</b> - APPLICATION OF DIGITAL TECHNOLOGIES IN BEEKEEPING
	17:40 – 18:00 Dr <b>Tamara Bajc</b> - POTENTIAL OF URBAN GREEN ROOFS AS A HABITAT FOR BEES
	18:00 – 18:10 Q/A for block 4
<b>19:30</b>	<b>Gala dinner (Restaurant "Venecija", Zemun)</b>

# Friday 20<sup>th</sup> of October 2023.

# FINAL AGENDA OF ISAE 2023 SYMPOSIUM

9:00 – 10:00	Registration (Entrance of the Conference hall, 1 <sup>st</sup> floor)
10:00 – 14:25	<b>Session III</b> – Energy efficiency, Food production and processing (Conference hall, 1 <sup>st</sup> floor)
	<b>Chairmen:</b> Dr <b>Ivan Zlatanović</b> , Dr <b>Subramani Sekar</b> , Dr <b>Biljana Vučićević</b>
<b>Block 5</b>	10:00 – 10:15 Dr <b>Biljana Vučićević</b> - THE EFFECT OF PHASE-CHANGING MATERIAL THICKNESS ON LIGHT CONSTRUCTION BUILDING INDOOR TEMPERATURE
	10:15 – 10:30 Dr <b>Milica Mladenović</b> - BIOMASS-BASED SUSTAINABLE ENERGY: PROS & CONS AND RECOMMENDED OPTIONS
	10:30 – 10:45 <b>Mehmet Can BASKESEN</b> - SETTING UP AND OPTIMIZATION OF NOVEL CLEANING SYSTEMS FOR SOLAR PANELS USED FOR IRRIGATION
	10:45 – 11:00 Dr <b>Uroš Milovančević</b> - NEW TRENDS IN REFRIGERATION TECHNOLOGY IN SERBIA
	11:00 – 11:15 Dr <b>Aleksandra Sretenović-Dobrić</b> - ARTIFICIAL INTELLIGENCE METHODS FOR ENERGY USE PREDICTION
11:15 – 11:30	Q/A for block 5
11:30 – 12:00	Coffee break (Room 115, 1st floor)
<b>Block 6</b>	12:00 – 12:15 Dr <b>Branka Radovanović</b> - TESTING OF AN INDUSTRIAL CAPACITY LABORATORY CONDENSATION DRYER
	12:15 – 12:30 Dr <b>Mihailo Milanović</b> - LOW-COST ARDUINO- AND PYTHON-CONTROLLED SOLUTION FOR AUTOMATION OF MASS MEASUREMENT IN LABORATORY DRYERS
	12:30 – 12:45 Dr <b>Vjekoslav Tadić</b> - TECHNICAL INSPECTION OF PESTICIDE APPLICATION EQUIPMENT IN EU
	12:45 – 13:00 Dr <b>Zuhdija Omerović</b> - USE OF CONSTANT FLOW VALVES (CFV) ON KNAPSACK SPRAYERS TO IMPROVE CROP PROTECTION QUALITY
	13:00 – 13:10
13:10 – 13:30	Coffee break (Room 115, 1st floor)
<b>Block 7</b>	13:30 – 13:45 Dr <b>Steva Lević</b> - NATURAL POLYMERS IN FOOD PRODUCTION AND PROCESSING
	13:45 – 14:00 Dr <b>Marija Petković</b> - ADVANCING AGRICULTURAL PRODUCTIVITY: NONDESTRUCTIVE OPTICAL SENSING FOR EARLY DETECTION AND MANAGEMENT OF PLANT STRESS
	14:00 – 14:15 Dr <b>Mehrdad Fojlaley</b> - THE EFFECT OF NANO TITANIUM COLD PLASMA ON THE SHELF LIFE AND QUALITY CHARACTERISTICS OF STRAWBERRY FRUITS
	14:15 – 14:25
14:25 - 14:45	Poster presentations and Discussion (Room 115, 1 <sup>st</sup> floor)
14:45 – 15:30	Lunch (Students restaurant, ground floor)
15:30 – 16:00	Closing of the official part of the ISAE 2023 Symposium (Conference hall, 1st floor)
17:00 – 20:00	Belgrade touristic tour

**POSTER PRESENTATION, Room 115, 1st floor**



Link to:  
Posters\_ISAE\_2023.pdf