

Programme:	Time-Chairman	Authors	Title	Registration	E-mail	Country	Institution	
	Thu 9:00	Martin Libra	Opening ceremony	Martin Libra	libra@ft.czu.cz	Czech Rep.	CZU Prague	
	1 Thu 9:20	9:20-9:40	Poušek V., Kouzla M.	Rapid Five-Year Repowering of Photovoltaic Power Plants in Demanding Climates	poušek@total-solar.cz	Czech Rep.	CZU Prague	
	2 LIBRA	9:40-10:00	SPONZOR	Intera Scan - New soil scanning and sampling technology	interascn@total-solar.cz	Czech Rep.	SPNSENTA	
	3	10:00-10:20	Kouzel A., Kufner B.	Harvesting technologies and their effects on soil and health in growing stable	kouzel@ft.czu.cz	Czech Rep.	CZU Prague	
	4	10:20-10:30	Turković Ana	Integrated Sustainability and Corporate Social Responsibility: The Strategy and "Living Laboratory"	turkovic@institute.or.id	Czech Rep.	CZU Prague	
	5	10:30-10:40	Rusriawan D., Božkova M., Vacek J., Libra M., Farkas I.	The 4th generation university: How to implement it in the Energy Field on the Visegrad Four+ Partner	danie@tenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	10:40-11:00	Coffee Break						
	6 Thu 11:00	11:00-11:20	Petra Hesslerová, Vladimír Jirka, Jan Pokorný	Agricultural landscape and climate – is there a connection?	hesslerova@eni.cz	Czech Rep.	ENIO	
	7	11:20-11:30	Hampaja J., Biedová V., Libra M., Poušek V.	The new model for predicting PV power plant electricity production based on weather forecast	hampaja@ft.czu.cz	Czech Rep.	CZU Prague	
	8	11:30-11:40	Janek S., Libra M., Poušek V.	Statistical Evaluation of Photovoltaic Panel Degradation in the Czech Republic	janek@rekolab.czu.cz	Czech Rep.	CZU Prague	
	9	11:40-11:50	Murčan V., Hájek M., Madlová V., Kozáček M., Březný P., Kumbalová J.	New Czech hot varieties as a response to climate change in crop cultivation	murcan@ft.czu.cz	Czech Rep.	CZU Prague	
	10	11:50-12:00	Suchopeka A., Kufner B.	A Farmer's adoption of weather-based irrigation: A gendered perspective on circular economy setting	suchopeka@ft.czu.cz	Czech Rep.	CZU Prague	
	11	12:00-12:10	Saběloň P., Kufner B.	The effect of the indoor environment on poultry farming health and the productivity of poultry	sabelon@ft.czu.cz	Czech Rep.	CZU Prague	
	12	12:10-12:20	Blaschke O., Hájek F.	Targeted applications of feed substances in pig nutrition	blaschke@ft.czu.cz	Czech Rep.	CZU Prague	
	13	12:20-12:30	Kejtyl Tamakan M., Alseidu Hanoum T., Brands J., Bappah M., Mad	Enhancing potential solid waste management in Douala through system analysis and sustainable strar	tamakh.zuo@gmail.com	Czech Rep.	CZU Prague	
	Thu 12:30	12:30-13:30	Lunch					
	14	13:30-13:40	Kubiš E., Božkova M., Madlová V., Břídik M.	Compression Properties of Biocomposites	Kubiš E.	Slovak Rep.	Slovak University of Agriculture in Nitra	
	15	13:40-13:50	Patelová A., Břídik M., Božkova M., Madlová V., Vostrová V.	Quality attributes of green peas for ICF Fencing	bozkova@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	16	13:50-14:00	Břídik M., Božkova M., Madlová V., Čížková J., Prádníková S.	Agriculture as a Strategic Response to Climate Change and Land-Use Challenges in Slovakia	bridik@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	17	14:00-14:10	Ameto T. S., Bures D., James T. E., Ledebová N., Ubranová K. D.	Comparative Effects of Wet and Dry Aging on Physicochemical and Sensory Properties of Rabbit Loaf	ameto@ft.czu.cz	Czech Rep.	CZU Prague	
	18	14:10-14:20	Syria Kamaria Eneidi, Musa Bappah, Takawa Alseidu Hanoum, A	Farmer's adoption of weather-based irrigation: A gendered perspective on circular economy setting	eneidi@ft.czu.cz	Czech Rep.	CZU Prague	
	19	14:20-14:30	Onágyi J., Koltváč V.	Third-Order: An Open-Source Conference Management System for Conference Review Workflow	kolvac@ft.czu.cz	Czech Rep.	CZU Prague	
	20	14:30-14:40	Sušarik M.	University of Cracow as a Student and the Future of Higher Education	susarik@univ.krakow.pl	Czech Rep.	CZU Prague	
	21	14:40-14:50	Štěpán V.	Influence of microclimate and physiological condition of Norway spruce on mycorrhizal development	stepan@eni.cz	Czech Rep.	FILD	
	22	14:50-15:00	Havrátková V., Váňová M., Marešev T.	Efficient Plant Localization via a Digital Twin of the Greenhouse	havratkova@ft.czu.cz	Czech Rep.	CZU Prague	
	23	15:00-15:10	Kozáček M., Jeník S., Libra M., Poušek V.	PV panels deposited on agricultural land after the end of the ecological consequences	kozacek@ft.czu.cz	Czech Rep.	CZU Prague	
	15:10-15:30	Coffee Break						
	24	15:30-15:40	Čellig J., Břídik M., Božkova M.	Monitoring and comparison of the rheology properties of selected mineral and ecological oils	jan.cellig@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	25	15:40-15:50	Madlová V., Hájek M., Čížková J., Haváč P., Břídik M.	Some questions about modern dairy cow welfare evaluation equipment	madlova@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	26	15:50-16:00	Hájek M., Čížková J., Haváč P., Břídik M.	Electrical properties of bio-based	hajek@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	27	16:00-16:10	Baráň M., Václav L., Madlová V.	Relative Humidity Effects on PA6 Composites	baran@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	28	16:10-16:20	Engelert M., Čížková M., Madlová V.	Effect of Expansion Valve Placement on the Controllability of a Hydraulic Driven Strainer	engelert@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	29	16:20-16:30	Engelert M., Čížková M., Madlová V.	Path planning algorithms for robotic fruit harvesting in obstructed environments using neural networks	engelert@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	30	16:30-16:40	Hájek M., Čížková M., Madlová V.	Efficient Plant Localization via a Digital Twin of the Greenhouse	hajek@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	31	16:40-17:00	Božkova M., Břídik M., Čížková M.	Reducing Emission Count in Fuzzy Controller Optimization via Design of Experiments Strategies	bozkova@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	32	17:00-17:10	Kučerová D., Ermlerová E., Vostrová V., Břídik M.	The Size of Thermal Analysis by Investigation of Polymers	kučerova@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	33	17:10-17:20	Václav L., Prádníková S., Tóth L.	Experimental Setup for Measuring Electric Parameters of Power Grid Using OPC UA	pradnikova@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	34	17:20-17:30	Tóth L., Václav L., Prádníková S.	Evaluation of heat energy loss of buildings using energy processing algorithms and thermal camera	vaco@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	35	17:30-17:40	Václav L., Madlová V., Čížková M., Břídik M.	3D Thermal Analysis Method Applied to Research of Electric Properties of 3D Printable Material	vaco@uniba.sk	Slovak Rep.	Slovak University of Agriculture in Nitra	
	36	17:40-17:50	Syšištětý T.	Why Open Science? A practical introduction for early career researchers	syssitsty@openave.eu	Greece	OpenAve Arkie	
	Thu 18:00	18:00-21:00	Evening Party					
	37	Fi 9:00	Farkas I.	Solar Thermal Energy in Transition	farkas.ivan@uni-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	38	9:20-9:30	Nekvedova S., Molnár A.M.E., Lyngby L., Weber W.	Engineered Living Materials: New Synthetic Biology Challenging Materials Science	nekvedova.s@uniba.sk	Germany	Leibniz Institute for New Materials	
	39	9:30-9:40	Lorenzini M., Murkhan N., Břídik M., Čížková M.	In vitro microencapsulation of spherules (Galleria mellonella M. Biot) and their importance in	lorenzini@uniba.sk	Slovakia	Slovak University of Agriculture in Nitra	
	40	9:40-9:50	Vig P.	Innovative solutions in the solar thermal energy storage	Vig.P@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	41	9:50-10:10	I. Sereš, P. Vig	Atmospheric pressure and bubble physical experiments	Sereš.i@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	10:10-10:30	Coffee Break						
	42	Fi 10:30	A. Nagy, P. Vig, I. Farkas	Enhancing photovoltaic thermal system performance using phase change materials and fins	anagy@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	43	10:40-10:50	Angarain, N.D., Sereš, I., Farkas I.	Assessment of a 3.3 MWp STPV system under real operating conditions	angarain.n.d@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	44	10:50-11:00	Q. Zhu, J. Farkas, J. Buzas	Effect of discrete square fin on the performance of a solar dryer system	zhu.qiankun@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	45	11:00-11:10	Daphtchik M.S., Vig P.	Comparative Study of MPPT Techniques in Photovoltaic Systems	daphtchik@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	46	11:10-11:20	Hartawan L., Rusriawan D., Farkas I.	ESP-NOW protocol for wireless sensors network in smart farming	hartawan.liman@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	47	11:20-11:30	F. Tóssai, I. Sereš, and I. Farkas	Intelligent autonomous solar tracking using advanced PID	tosai@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	48	11:30-11:40	Uzman M., Buzas J., Farkas I.	Environmental footprint of low-GWP working fluids in decentralized solar ORC systems	uzman.marina@uniba-mate.hu	Hungary	Hungarian University of Agriculture and Life Sciences	
	49	11:40-11:50	Kutnecová D., Ermlerová E., Vostrová V., Břídik M.	Assessment of the potential of various types of biomass for the synthesis of artificial human cells	kutnecova@uniba.sk	Slovakia	Slovak University of Agriculture in Nitra	
	50	11:50-12:00	Gryta A., Boguła P., Gryta A., Frącz M., Biśk K.	Influence of diastase-derived biochar enriched with Trichoderma atroviride CF7911 on soil wettability	gryta.a@pau.edu.pl	Poland	Institute of Agrophysics	
	12:00-13:00	Lunch						
	51	Fi 13:00	Kukiewska-Superson S., Nowicki P., Sawczuk-Karpisz K.	Comparison of the effectiveness of herbicide and heavy metal immobilization in silty soil modified with	s.kukiewska@pau.edu.pl	Poland	Institute of Agrophysics	
	52	13:10-13:20	Lena A., Sisková D., Rozáňka S., Fráč M.	Exploring the below and agricultural potential of artemisinin-producing fungi from Alternaria genera	l.ena@uniba.sk	Poland	Institute of Agrophysics	
	53	13:20-13:30	Molau, E. I., Bialek, P., Sawczuk-Karpisz, K.	Comparison of Surface Chemistry and Textural Parameters of Activated Carbons from Hemlock Bark	molau@uniba.sk	Poland	Institute of Agrophysics	
	54	13:30-13:40	Aleksandra Nizic, Monika Kaczor, Michał Kryzbanik, Sebastian Pió	Biochar as a feed additive: potential applications in insect nutrition	nizic.a@uniba.sk	Poland	Institute of Agrophysics	
	55	13:40-13:50	Prasanna V. A., Chinnai V., Sureshbabu S., Gopichand	Physical and rheological optimization of low-methoxy pectin bio-inks crosslinked with calcium ions	prasanna.v.a@uniba.sk	Poland	Institute of Agrophysics	
	56	13:50-14:00	Rutkowska A., Furtek A., Walkowicz A.	Organic soils as a source and sink of greenhouse gases	rutkowska@pau.edu.pl	Poland	Institute of Agrophysics	
	57	14:00-14:10	Saniul Adnan, M. K., Otyńska, J., Chibrikov, V., Fija, K., Zdzienek, A.	Influence of fruit ripening on the molecular and nanostructural properties of apple pectin (Malus domestica)	saniul.adnan@uniba.pl	Poland	Institute of Agrophysics	
	58	14:10-14:20	Saniul Adnan, M. K., Otyńska, J., Chibrikov, V., Fija, K., Zdzienek, A.	Engineered Control Biochar for Reduced Phytotoxicity and Efficient Antibiotic Removal	saniul.adnan@uniba.pl	Poland	Institute of Agrophysics	
	59	14:20-14:30	Skłodas P., Gryta A., Sisková D., Panek, J., Oczak, K., Piatek, B.	Interposing enhances soil microbial biodiversity and reorganizes seasonal functioning in wheat-clover	m.frac@uniba.sk	Poland	Institute of Agrophysics	
	60	14:30-14:40	Szczepanik K., Bićkowiak M., Fortak A., Pytko A., Bićkowiak A.	Validation of the paper matrix method for bacterial detection in soil splash studies	k.szczepanik@pau.edu.pl	Poland	Institute of Agrophysics	
	61	14:40-14:50	Skoda D., Polakowski C., Jasson-Glazi K., Mazur R., Bonus W. B.	Selected methodological aspects of using deuterium-labelled water in splash research	skoda@uniba.pl	Poland	Institute of Agrophysics	
	62	14:50-15:00	Szymielka M., Kozłowska I.	Effect of biochar on the growth processes of ensilable green algae	m.szymielka@pau.edu.pl	Poland	Institute of Agrophysics	
	63	15:00-15:10	Blotkova A., Dobosz-Andrzejewska K., Furtak K.	Searching for EPS-producing bacteria in soils exposed to diverse stress conditions	blotkova@uniba.pl	Poland	Institute of Soil Science and Plant Cultivation	
	15:10-15:30	Coffee Break						
	64	Fi 15:30	Al Ghani M.D., Rusriawan D., Taufik A.	The Fast Fourier Transform-Based Vibration Analysis of Mitsubishi Pajero Diesel Engine	muhammad.dh@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	65	15:40-15:50	Benedetto R., Rusriawan D., Taufik A.	Vibration analysis for industrial diesel engine: field study	benedetto@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	66	15:50-16:00	Fariha C.R., Rusriawan D., Taufik A.	Reliability centered maintenance: Application on electric motor	fariha.c.r@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	67	16:00-16:10	Mahardika M.K., Mulyawanegara A.A., Nurahna N., Rusriawan D.	Development of an off-grid photovoltaic system for community-based waste processing facility	mahardika@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	68	16:10-16:20	Maulana S., Rusriawan D., Taufik A.	Health status monitoring and remaining useful life prediction of centrifugal pump: Preliminary study	maulana@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	69	16:20-16:30	Paklajay D.C., Rusriawan D., Taufik A.	Vibration Analysis of Paper Detergent SUD. An introduction	paklajay.d.c@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	70	16:40-16:50	Rachman M.F., Rusriawan D., Taufik A.	Reliability Centred Maintenance (RCM) Based Turbine Power Generation: Valves case	rachman@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	71	16:50-17:00	Randhari R., Faras D., Fadiah N., Nurahna N., Srode M.P.A., Pi	Design and Manufacturing of a Polypropylene Reactor for Butanol Apath	randhari@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	72	17:00-17:10	Sidiq R.P., Rusriawan D., Božkova M., Farkas I.	Development of real-time monitoring of 1 MW solar power systems at ITENAS Bandung	sidiq@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	73	17:10-17:20	Trisnawati H.F., Rusriawan D., Božkova M., Farkas I.	The first phase of inverter replacement in a 1 MW photovoltaic system	haryopu@ftnhs.itenes.ac.id	Indonesia	Institut Teknologi Nasional Bandung	
	Posters							
	74	Poster	Emmanuelle Leleke-Lewis, Fernández Osmunier Eloy	Enhancing Disease Resistance of Six Etha Oil Palm (Elaeis guineensis) Progenies to Ganoderma v	emmanuelle.leleke-lewis@ftnhs.itenes.ac.id	Czech Rep.	CZU Prague	
	75	Poster	Haldýn J., Lázka M.	Enhancing Remote Sensing Accuracy for Agriculture and Field Heat Mapping with Thermal UAVs	haldyn.j@ftnhs.itenes.ac.id	Czech Rep.	CZU Prague	
	76	Poster	Kufner O., Kufner O., Madlová A., Zisa L.	Effect of sex on carcass characteristics and meat quality of pigs	kufner@ftnhs.itenes.ac.id	Czech Rep.	CZU Prague	
	77	Poster	Jindřich Zelinka, Antonín Nádobst, Miroslav Fajr, Aáš Klimek, Ver	How sewage sludge and composted sewage affect soil properties and processes	zelinka@ftnhs.itenes.ac.id	Czech Rep.	CZU Prague	
	78	Poster	Hofmanová A., Kufner O., Kufnerová J., Zisa L.	Effect of genotype on carcass characteristics and meat quality of pigs	hofmanova@ftnhs.itenes.ac.id	Czech Rep.	CZU Prague	
	No presentation	no presentation	Kušera M., Brodnianská Z., Lipičný M.	Effect of glycol coolant type on the cooling in the engine radiator of agricultural machines	marian.kusera@ftnhs.itenes.ac.id	Slovak Rep.	Technical University in Zvolen	
			Božkova M.	Božkova M.	bozkova@uniba.sk	Slovak Rep.	Slovak University of Agriculture	
			Haváč P.	Haváč P.	hac@uniba.sk	Slovak Rep.	Slovak University of Agriculture	
			Prádníková S.	Prádníková S.	pradnikova@uniba.sk	Slovak Rep.	Slovak University of Agriculture	
			Vostrová V.	Vostrová V.	vostrova@uniba.sk	Slovak Rep.	Slovak University of Agriculture	
			Pašek-Beráň A.	Pašek-Beráň A.	pašek.beran@pau.edu.pl	Poland	Institute of Agrophysics, Polish Academy of Sciences	
			Starzyk K.	Starzyk K.	starzyk@pau.edu.pl	Poland	Institute of Agrophysics, Polish Academy of Sciences	
			Zdušek Jurošew	Zdušek Jurošew	zdusek@pau.edu.pl	Poland </		