

ICATES

INTERNATIONAL CONFERENCE ON AGRICULTURE, TECHNOLOGY, ENGINEERING AND SCIENCES

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19-20 SEPTEMBER 2018 - LVIV, UKRAINE

SCIENTIFIC PROGRAM

Wednesday 19th September 2018

13:30
17:00

Lviv National Agrarian University Orientation Tour

Thursday 20th September 2018

08:30
09:00

Registration and provide conference materials

09:00
09:10

Welcome Speeches

Assoc.Prof.Dr. Mükrimin Ş.GÜNEY, Giresun University

Prof.Dr. Vitalii BOIARCHUK, 1st ProRector of Lviv National Agrarian University

Prof.Dr. Stephan KOVALYSHYN, Dean of Lviv National Agrarian University

09:10
09:30

Invited Speaker: **Dr. Mümin Mehmet KOÇ** University of Portsmouth

X-ray Microtomography Investigation of Skin

10 min

COFFEE BREAK

09:40 11:00	<u>Session I</u>	<u>Session II</u>	<u>Session III</u>	<u>Session IV</u>
	<u>Session Chair:</u> Horodetskyi Ivan / Sitki Aktaş	<u>Session Chair:</u> Krynytskyi Ivan / Faruk Güner	<u>Session Chair:</u> Kuzminskyi Roman / Selçuk Atasoy	<u>Session Chair:</u> Stephan Kovalyshyn / M. Ş. Güney
	R.Padiuka, Models and Methods of Resource Management in Crop Production Portfolios	S.Korobka, Grounding of the Parameters and Operating Modes of the Air Heliocollector	O.Shvets, Improvement of Additional Cleaning of Rapeseed and Perennial Grasses	V.Tymochko, Grounding of Tractor and Machine Unit Composition in Projects of Agrarian Production
	E.Cincik, S.Aslandaş, Thermal Comfort Properties of Warp Knitted Cut-Pile Upholstery Fabrics	Ü.Camdalı, A.Yalcuk, M.Aktas, Investigation and Modeling Thermo-physical Properties of Soil	Y.E.Yamac, S.C.Basaran, A Dual Ultra-Wideband PIFA Design	F.Yonar, A. Dikbas, Utilisation Potential of Steel Slag as Ballast Material in Railway Construction in Turkey

09:40 11:00	<u>Session I</u>	<u>Session II</u>	<u>Session III</u>	<u>Session IV</u>
	B. Cieniawska, Mathematical models of the distribution of liquid spray	R. Sheremeta, Mathematical Models of Geometric Sizes of Seeds as Dependent Random Variables	A. Szewczyk, Deposition of liquid and degree of coverage of sprayed objects for selected double-stream sprayers	P.Lub, A.Sharybura, The method of coordination of start time of sugar beet harvesting with the production area of sugar beet harvester
	H.Yıldırım, T.Özturan, Modulus of Rupture of Recycled Aggregate Concrete	N.A. Kalebek, Application of Boric Acid to Polypropylene Carpet for Flammability	S.C. Basaran, Frequency Reconfigurable Monopole Antenna Based On Concentric Ring Elements	G.Genc, N.Akkuş, Application Oriented Waste Walnut Shells Machinability and Recycling of Bio-Composite Materials
	J.Flizikowski, W.Kruszelnicka, A.Tomporowski, S.Kovalyshyn, T.Shchur, Crusher with a cross-cut disc.	J.Flizikowski, W.Kruszelnicka, A.Tomporowski, S.Kovalyshyn, T.Shchur, Study of strength and energy of rice grains grinding.	A.Tomporowski, J.Flizikowski, W.Kruszelnicka, The new ideas of grain biomass multidisc grinding	P.Kuźniar, S.Sosnowski, J.Gorzelay, T.Motyka, Selected biometric features of soy seed and its mechanical properties
	T.Jakubowski, U.Malaga-Toboła , J.Giełżecki, S.Syrotyuk, Equipment and software for monitoring modes of renewable energy devices.	A.Chochowski, J.Aleksiejuk, The dynamics of solar energy conversion in photoelectric panels of different types.	S.Özden, M.M. Koç,Etch Pit Studiesin CdTe (211)B Films For Buffer Layer Applications	Demet Topal Koç, Agent Based Computational Models
11:00 12:00	Opening Ceramony of Lviv National Agrarian University <u>International Scientific Forum "Development of Agro-Industrial Complex and Rural Terriories: Theory and Practice"</u>			
12:00 14:00	Lunch Break at LNAU University			
14:00 17:00	Attending Sessions on LNAU International Scientific Forum " Development of Agro-Industrial Complex and Rural Territories: Theory and Practice "			
Friday 21 st September 2018				
09:00 10:30	<u>Session V</u>	<u>Session VI</u>		
	<u>Session Chair:</u> Faruk Güner	<u>Session Chair:</u> Sıtkı Aktaş		
	H.Cimen, M.Çipiloğlu, Remote Tracking and Control of Greenhouse Temperature	S.Yasak, H Zenk, B. Ertuğral, A Research on Cogeneration Systems in Energy Systems		
	M.Bahadır, F.Güner, An Efficient Hazelnut Roasting Alternative: Microwave Roasting	H. Zenk, Dual Flyback Converter and Five-Level Inverter Design for On-Grid Photovoltaic Systems		
	S.Durdu, S.Aktaş, S.L.Aktuğ, K.Korkmaz, Investigation of Copper Incorporated Ceramic Coating on Titanium	H. Adatepe, Investigation Of The Performance The Dynamically Loaded Connecting Rod Bearing At Different Engine Shaft Speeds		
	S. Korucuk, M. Ergün, S. Memiş, H.Erdal, An Implementation for Determination of the Importance of Green Logistics Applications in Manufacturing Enterprises: Eskişehir Case	L.G.Mendoza Luna, C.A.Guarín, E.C.de la Vega, J.L. Hernández Pozos, E.M. Rojas Ruiz,Enhancement of Light Transmission Through Random Metal Thin- Films Near The Percolation Threshold		
	Z.Şener, M.Uzar, The Contributions of Using Ontology in Spatial Data	S.Durdu (V.P.), Characterisation of Copper Based Bioceramic Coatings on Titanium		
	S.Aktaş, A. Yavuz, S. Durdu, Electrochemical Characterisation of Polypyrrole Modified Graphite Current Collector for Redox Supercapacitor	Muhammad Tauseef Qureshi, Green Synthesis of FeO, ZnO and Cu doped ZnO Nanoparticles		

15 min	Coffee Break	
10:45 12:00	Session VII	Session VIII
	Session Chair: Selçuk Atasoy	Session Chair: Hilmi Zenk
	V.Başer (V.P.), A Model Development For The Solution of The Problems in the Safe School Site Selection	M.Ergün, S.Memiş, S.Korucuk, Priority of Solid Waste Selection Criteria: Case of Kars Province
	K.Yanmaz,Control of Inverter for Stand-Alone Wind Energy Systems	R.Karali, F.Güner, Thermoeconomic Optimization of Mechanical System
	K.Yanmaz,Choosing and Modelling of Chopper for Renewable Energy Sources	F.Özbilgin, H.Şenol, Electric Energy Potential of Animal Wastes in Sivas Province
	B. İlhak, F. Güner, Investigation of Effects of Kinetic Energetic Ammunition on Boron Carbide Armor by Finite Elements Method	S.Memiş, S.Korucuk, M.Ergün, Determination of Criteria for Electrical Distribution: Case of Erzurum Province
	M. Durmaz, Y.Baran, M. Ş. Güney, Stabilization and Experimental Study of Clay Soils With Nutshell Ash	R. Karaali, M.Ş.Güney, Cogeneration in Aggriculture
12:00 13:30	LUNCH BREAK	
13:30 14:30	Invited Speaker: Prof.Dr.Mustafa TÜRKMEN , Dean of Engineering Faculty, Giresun University (M. Türkmen, E. O. Pınar,A. Türkmen, <i>Review of the Heavy Metal Accumulations in Marine Invertebrates from Turkey's Coastline</i>)	
14:30 17:30	Session VIII	Session IX
	Session Chair: Faruk Güner	Session Chair: Selçuk Atasoy
	K.Yanmaz,The Effects of Using Different Solar Cells in Solar Energy Systems	T.Uygunoğlu, I.Güneş, A.G.Çelik, E. Çınar, Behavior of Borided Reinforced Rebar Under Rapid Corrosion
	K.Yanmaz,Simulation and Control of Permanent Magnet DC Motors	I. Güneş, T.Uygunoğlu, A.G. Çelik, E. Çınar, Microwave Curing Process on Polymer Composites
	M.Türkmen, T.Aydın, Seasonal Variations of Heavy Metal Accumulation in Brown Algae From Giresun Coasts	K.Yılmaz, H.Adatepe, The Effect of Torque Limiter Use on The Movement of The Drive Shaft in Hinged Steel Belt Conveyor
	A.G. Çelik, I. Güneş, T. Uygunoğlu, O. D Daçe, Investigation of the Reduction of Sulphate Content in Anhydrous Borax Production	B.Gök, H.Adatepe, Design and Simulation of Electric Vehicles
	K.Kaygusuz, M.Ş.Güney, Potential and utilization of woody biomass in Turkey	S.N.Atasoy, Contemporary New Media Design
	A. Türkmen,H. Akgün, The Effect of Leonardite and Organic Marine Algae (Coralline) On The Grawing of Beans and Physico-Chemical Properties of the Soil	O. Zenk,B. Ertuğral, H. Zenk, New York City Example for a Clean Transportation Model "Electric Pedicap Design"
	R.Karali, F.Güner, Thermodynamic Optimization of Mechanical System	M.Durgut, A.Pehlivan, Sustainability Reporting in Turkish Companies Listed on BIST Sustainable Index

14:30 17:30	<u>Session IX</u>	<u>Session X</u>
	<u>Session Chair:</u> Mümin Mehmet Koç	<u>Session Chair:</u> Hakan Adatepe
	A. Türkmen, M.Türkmen,K. Duran, Effects of Hazelnut Husk on the Quality of Eisenia foetida Fertilizer	M.Durmaz, Coating Systems in Buildings with Heat Insulation Done
	S. Atasoy, Investigation of Surface and Electrochemical Properties of ZnNi Coatings on AISI 4140 Steel	H.Adatepe, The Effect of Lubricant Viscosity Change on The Performance of The Dynamically Loaded Bearing
	S. Dobrić, Z. Božilović, J. Perišić, M. Milovanović, I. Petrović, R. V. Getman, L. Radovanović, Acquiring And Developing Musical Abilities Using By Mobile Technologies	H. Zenk, B. Ertuğral, DC Motor Torque Control with Fuzzy Logic Controlled Push-Pull Converter
	S.Dobrić, J.Perišić, Z. Božilović, M. Milovanović, R. V. Getman, M. Ristić, L. Radovanović, Using Mobile Applications For Learning Foreign Language	H. Zenk, B. Ertuğral, Comparison of the Electrical Performance of NiCd, NiMH and Li-Ion Batteries by Simulation
	J. Perišić,J. Perišić, Z. Božilović, M. Milovanović, I. Petrović, R. V. Getman, L. Radovanović, The Influence And Importance Of Bitcoin Asdigital Currency	B. Ertuğral, H. Zenk, A Research on Improving the Performance of Electric Pedicap Using Brushless DC Motor
	Mustafa ERKOVAN, Steering of Magnetic Domain Walls by Single Ultrashort Laser Pulses	S. Kovalyshyn, K. Kaygusuz, M. Ş. Güney, Renewable Technologies For Sustainable Energy Future