The 17th International Conference on Engineering of Modern Electric Systems

IEEE Technically Co-Sponsored conference, #58375, organized in cooperation with Romania Section CAS/CS Joint Chapter

Conference Technical Program

Oradea, Romania
09 – 10 June 2023

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The 17th International Conference on Engineering of Modern Electric Systems Oradea, Romania,

9 - 10 June 2023

PROGRAMME

Friday, June 9, 2023	**All conference sessions will take place at University of Oradea and online**
12:00 – 13:00	Registration – Aula Magna
13:00 – 13:50	Opening session – welcome address – Aula Magna
14:20	Oral Sessions
20:00	Gala Dinner at Astoria Restaurant, King Ferdinand Square (Piaţa Regele Ferdinand)

Saturday, June 10, 2023	**online only**
9:20	Oral Sessions

Friday, June 9, 2023 - Room F006 and online

ID	Schedule	Authors	Paper title
6560	14:20 – 14:40 in person	Andreas Michaelides, Martina Hanna, Antonis Hadjantonis and Vijayakrishna Satyamsetti	Power Transfer Across the Iron Core Gap
1838	14:40 – 15:00 in person	Anca Elena Cava, Madalina Badistru (Marin) and Eugen Mihai Deaconu	Integral Calculations of the Forces Between Parallel Rectangular Permanent Magnets
1116	15:00 – 15:20 in person	Anca Elena Cava, Madalina Badistru and Eugen Mihai Deaconu	Integral Methods for Calculating the Magnetic Field Intensity for a Cylindrical Permanent Magnet
2564	15:20 – 15:40 in person	Madalina Badistru (Marin), Anca Elena Cava and Eugen Mihai Deaconu	Electromagnetic Shock Absorber
6033	15:40 – 16:00 in person	Deaconu Eugen-Mihai, Cava Anca-Elena and Marin Madalina	Neuronal Signal Attenuation under the Interaction with an External Magnetic Field
16:00 – 16:20 Coffe break			
5294	16:20 – 16:40 in person	Adrian Danila and Lia Elena Aciu	The Implementation of Artificial Intelligence for Real-Time Estimation of an Induction Machine's Flux Model Parameters from Acquired Data
2103	16:40 – 17:00 in person	Slovac Francisc, Livia Bandici, Marius Codrean and Radu Dimitrie Sebesan	Aspects Regarding the Microwave Drying of Oak Wood Chips
327	17:00 – 17:20 in person	Slovac Francisc, Livia Bandici, Marius Codrean, Radu Dimitrie Sebesan, Bianca Simon and Adrian Szoke	Comparative Study on the Drying of Wood Chips with Different Humidities and Sizes in a Microwave Field
7238	17:20 – 17:40 in person	Pantea Mircea Dănuț, Codrean Marius, Codrean Mihaela, Fekete-Nagy Luminiţa, Burca Adrian, Pancu Rareș and Onadi Robert	Study on the Implementation of Heat Pumps for Home Heating with the Help of Solar Energy

5314	17:40 – 18:00 in person	Marin-Titus Tomșe, Claudia-Olimpia Stașac, Andrei-Dan Tomșe	Detection and Monitoring System of Disturbances in Electrical Networks
5138	18:00 – 18:20 in person	Daiana Ioana Rus, Adrian Szoke, Mihaela Covaciu, Bianca Florica Șimon Francisc Ioan Hathazi, Mircea Nicolae Arion, Livia Bandici, Carmen Otilia Molnar and Vasile Darie Soproni	Study on The High-Frequency Electromagnetic Field Pyrolysis Process of Office and Stationery Waste
7539	18:20 – 18:40 in person	Daiana Ioana Rus, Adrian Szoke, Mihaela Covaciu, Bianca Florica Șimon, Francisc Ioan Hathazi, Mircea Nicolae Arion, Livia Bandici, Carmen Otilia Molnar and Vasile Darie Șoproni	Energetic Recovery of Straw Cereal Waste Through the Pyrolysis Process in the Microwave Field

Saturday, June 10, 2023 – online only

ID	Schedule	Authors	Paper title
4398	09:20 – 09:40 online	Mariana Dumitrescu	Power Efficiency and Availability Computation with Stochastic Events Models
5898	09:40 – 10:00 online	Aleksandar Simović, Marko Bošković, Srđan Jokić, Aleksandar Lemez and Zlatan Stojković	An Analysis of the Application of the "VROT-18 System" for Increasing the Power Quality and Energy Efficiency of the Low-Voltage Distribution Network
7294	10:00 – 10:20 online	Youssef Amine Ait Ben Hassi, Youssef Hennane, Abdelmajid Berdai and Valerii Tytiuk	A Robust Reactive Power Sharing Solution For Meshed Multi-PCC Microgrids
4437	10:20 – 10:40 online	Pirada Techavijit, Polkit Sukchalerm, Natthapong Wongphuangfuthaworn and Aniwat Plodpai	Potential of Photovoltaic on Small Stratospheric Satellite in Real-World Experiment
7317	10:40 – 11:00 online	Viorel Ionescu and Anișoara Arleziana Neagu	Investigation of the Energy Conversion Efficiency for a Thermoelectric Generator System with Forced Convection Cooling

ID	Schedule	Authors	Paper title
926	11:00 – 11:20 online	Gabriela Mogos	Quantum Fingerprint Scrambling Algorithm Based on Chaos Theory
4351	11:20 – 11:40 online	Monica Popa and Sorin Pasca	Series Arc Fault in Low Voltage Electrical Circuits
6643	11:40 – 12:00 online	Iuliana Maria Naghiu, Teofil Ovidiu Gal, Cristian Vancea, Gianina Gabor, Daiana Rus and Mihaela Covaciu	Extracting Essential Oils from the Hawthorn (Crataegus monogyna) in the Microwave Field

Session Electronics and Telecommunications
Chair: Cornelia Emilia Gordan

Friday, June 9, 2023 - Room F003 and online

ID	Schedule	Authors	Paper title
3901	14:20 – 14:40 in person	Teodor Petrita, Liviu Soflete and Florin Alexa	Measuring output resistance of a B class HF power amplifier using energy considerations
1302	14:40 – 15:00 in person	Silviu Alin Jecu, Andreea Georgiana Demeter and Ioana Corina Bogdan	Face-tracking mount display for medical and engineering applications
1334	15:00 – 15:20 in person	Marin-Titus Tomșe and Laviniu Țepelea	Studying the Acceleration of Moving Objects Using BLE communication in LabView
5561	15:20 – 15:40 in person	Razvan-Daniel Albu and Cornelia Emilia Gordan	Single-Phase SPWM Inverter Ordered With Microcontroller
8284	15:40 – 16:00 in person	Kamal Marandskiy and Mihai Ivanovici	Hyperspectral Image Visualization Based on Maximum-Reflectance Wavelength Colorization
16:00 – 16:20 Coffe break			
2807	16:20 – 16:40 in person	David C. Marcu and Cristian Grava	The importance of data quality in training a deep convolutional neural network
8840	16:40 – 17:00 in person	Laura-Alina Boanță and Teodor Petrița	A simple calibration generator and method for PC soundcards
2836	17:00 – 17:20 in person	David Victor Ioan Bota and Teodor Petrița	An upgrade of MIT SAR Radar Project
4513	17:20 – 17:40 in person	Mircea-Petru Ursu	Digital Decoder from Binary Code to 7-Segment LED Displays
7331	17:40 – 18:00 in person	Teodor Petrita, Alexandru-Marius Silaghi and Florin Alexa	Thinking in decibels

287	18:00 – 18:20 in person	Răzvan-Daniel Albu, Florin-Lucian Morgoș, Mario Sivu and Dragoș Sorin Fratila	Integrated Intelligent Services Accelerator Platform
3179	18:20 – 18:40 in person	Gábor-Dániel Kovács, Laviniu Flavius Țepelea and Călin Creț	A comparative study of traditional and deep learning methods in image depth measuring
8456	18:40 – 19:00 in person	Gabriel-Călin Creț, Laviniu Țepelea, Cristian Grava, Ioan Gavriluț and Toma Suru	Using Raspberry Pi and the OpenCV library to command a robot for tracking a colored object

Saturday, June 10, 2023 – online only

ID	Schedule	Authors	Paper title
6712	09:20 – 09:40 online	Marin-Titus Tomșe, Claudia-Olimpia Stasac and Laviniu Țepelea	System with AFDD for Electric Arc Study with Analysis in LabView
1829	09:40 – 10:00 online	Iustin Constantin and Alexandru Dinu	Optimized Security System with Real-Time Operation
599	10:00 – 10:20 online	Alexandru Pohontu, Laura Nedelcu and Constantin Vertan	Fitting empirical distributions for vessels behavioural analysis and maritime anomaly detection
9142	10:20 – 10:40 online	Abhilash Pg, Akhilesh S Patil, Arun Kumar S, Kubendra L Reddy, Ajay Kumar Dwivedi and Vivek Singh	2-Port Planar MIMO Antenna with Polarization Diversity for Sub-6 GHz Fifth Generation Applications
8255	10:40 – 11:00 online	Pirada Techavijit and Polkit Sukchalerm	Simplified Design and Development of Radio-Tracking on Thai-Traditional Rocket (Bang Fai) With Real Case Experiments
5299	11:00 – 11:20 online	Alexandru Damian, Claudiu Filip, Anamaria Nistor, Irina Petrariu, Catalin Mariuc and Valentin Stratan	Experimental Results on Synthetic Data Generation in Unreal Engine 5 for Real-World Object Detection
8428	11:20 – 11:40 online	Abdelmalek Louaifi, Zineb Laieb and Youssef Lamhene	Performance enhancement of a microstrip patch antenna using DGS and an optimized mushroom-like structure
4506	11:40 – 12:00 online	Nicolae Patrascoiu	Virtual tool used for testing temperature sensors

Friday, June 9, 2023 - Room F205 and online

ID	Schedule	Authors	Paper title
8177	14:20 – 14:40 in person	**Elisa Valentina Moisi**, Simina Maria Coman, Gianina Adela Gabor, Alexandrina-Mirela Pater, Ovidiu Coman and Daniela-Elena Popescu	Comparing the Effectiveness of Machine Learning Algorithm Implementations Based on the Use of Cloud Services
349	14:40 – 15:00 in person	**George Andrei Cordis**, Felicia Mirabela Costea, George Pecherle, Robert Győrödi and Cornelia Győrödi	Considerations in Mitigating Kerberos Vulnerabilities for Active Directory
9784	15:00 – 15:20 in person	**Radu Lucaciu**	Time series forecasting and big data: can an ensemble of weak learners decrease costs while maintaining accuracy?
900	15:20 – 15:40 in person	**George Craioveanu**, Ioana Manuela Marcu and Terolaviu Francisc Popescu	Integrative therapeutic music-based application for Alzheimer's disease
4492	15:40 – 16:00 in person	Shahil Kumar, Michael Malai, Ganitoga Kororua, **Voicu Groza**, Mansour Assaf and Rahul Kumar	Synchronous Machine Modelling Using Linear Regression Approaches
16:00 – 16:20 Coffe break			
8437	16:20 – 16:40 online	Hannelore Magics-Verkman, **Rodica Doina Zmaranda**, Cornelia-Aurora Győrödi and Robert-Ştefan Győrödi	A Comparison of Architectural Patterns for Testability and Performance Quality for iOS Mobile Applications Development
8489	16:40 – 17:00 online	David Ghiurău, **Rodica Doina Zmaranda**, Robert-Ştefan Győrödi and Cornelia-Aurora Győrödi	Exploring the Impact of Workflow Engines on Business Process Management in Enterprise Applications. A case-study: Camunda
7483	17:00 – 17:20 online	**Mironela Pirnau**, Iustin Priescu, Daniela Joita and Catalina Mihaela Priescu	Analysis of the Energy Crisis in the Content of Users' Posts on Twitter

5761	17:20 – 17:40 online	**Petrişor Pătraşcu** and Gabriela-Florina Nicoară	Adopting IoT Solutions for the Functionality, Protection and Resilience of Critical Infrastructures
6311	17:40 – 18:00 online	**Khuram Shahzad**, Sohail Iqbal and Muhammad Moazam Fraz	Automated Solution Development for Smart Grids: Tapping the Power of Large Language Models
1596	18:00 – 18:20 online	**Adriana-Maria Cuc**, Stefan Vári-Kakas, Otto Poszet and Florin Lucian Morgoș	Using AIoT to Implement a Weather Monitoring and Prediction System
2322	18:20 – 18:40 online	**Ioannis Giachos**, Evangelos Papakitsos, Ioannis Antonopoulos and Nikolaos Laskaris	Systemic and Hole Semantics in human-machine language interfaces
2829	18:40 – 19:00 online	Vlad Andrei Pandrea, **Andrei Ciocoiu** and Machedon Mihai Pisu	IoT-based irrigation system for agriculture 5.0
3402	19:00 – 19:20 online	**Partemie-Marian Mutescu**, Adrian-Ioan Petrariu, Alexandru Lavric and Valentin Popa	A Hybrid Deep Learning Spectrum Sensing Architecture for IoT Technologies Classification
5868	19:20 – 19:40 online	**Marina Adriana Mercioni** and Stefan Holban	A Brief Review of the Most Recent Activation Functions for Neural Networks

Session Computer Science and Control Systems, series 2
Chair: Helga Silaghi

Friday, June 9, 2023 – Room F208 and online

ID	Schedule	Authors	Paper title
535	14:20 – 14:40 in person	Barabas Tiberiu, Silaghi Helga, Spoială Dragoș, and Gamcova Maria	Control System of an Autonomous Object Tracking Robot
1386	14:40 – 15:00 in person	Pop Marius Vlad, Tonț Gabriela and Șandor Andrei	Innovation Management Opportunities of Artificial Intelligence Social Enterprises in Romania
1416	15:00 – 15:20 in person	Viorica Spoială	Image Semantic Segmentation used in Automatics

4243	15:20 – 15:40 in person	Mesaros Diana Monica, Coroian Aurelia, Mastan Oana-Andreea, Adina-Lia Longodor, Magdoiu Liliana, Kovendi Zoltan and Marius Alexandru Silaghi	AGILE Project Management using Jira in Processing of Food Industry
7480	15:40 – 16:00 in person	Andrei Șandor, Gabriela Tonț and Marius Vlad Pop	Knowledge Management System evaluation using Genetic Algorithm and Monte Carlo method
16:00 – 16:20 Coffee break			
8112	16:20 – 16:40 in person	Iulia Clitan, Vlad Muresan, Mihail Abrudean, Iulia Stefan and Andrei F. Clitan	Principles of Energy Saving in Buildings. A Survey
8827	16:40 – 17:00 in person	Helga Silaghi, Viorica Spoiala, Claudiu Costea, Liliana Magdoiu, Jan Gamec and Alexandru Marius Silaghi	Energy Quality Analysis of Electrical Drive Systems with Induction Machine
8957	17:00 – 17:20 in person	Liliana Doina Măgdoiu, Simona Abrudan Caciora, Anca Păcală and Maria Gamcova	Life Cycle Management in Oil&Gas Products Industry
3284	17:20 – 17:40 in person	Daniel Bonciog, Valentin Ordodi Mihaela Lascu, and Liliana Mâțiu – Iovan	Automation of Decellularization Process Using Artificial Neural Networks
493	18:00 – 18:20 in person	Dulgheriu Alexandru, Gergely Eugen, Coroiu Laura and Linawati Linawati	Versatile Control of an Automotive Assembly Line by Using Programmable Logic Controllers
8276	18:20 – 18:40 in person	Adrian Codoban, Laura Coroiu, Eugen Gergely and József Sárosi	System for Determining the Shape of the Wavefront of a Nonsinusoidal Periodic Acoustic Wave

Saturday, June 10, 2023 – online only

ID	Schedule	Authors	Paper title
426	09:20 – 09:40 online	Ioannis Antonopoulos and Stamatis Apeiranthitis	Automated Ship Fuel Tank Level Electronic Measurement System Utilizing Air Bubbler Technique using LabVIEW Environment
1804	09.40 – 10:00 online	Duc Lich Luu, Ciprian Lupu and Nguyen Viet Hung	Tracking Trajectory By Using The Polynomial Method For ACC System Based On Smart Car Platform

3510	10:00 – 10:20 online	Mariana Dumitrescu	Composite Algorithm and Application for Operational Fuzzy Risk Computing
3678	10:20 – 10:40 online	Christianna Papitsi, Theodore Ganetsos, Gregoria Karatzouni, Christos Drosos, Ioannis Antonopoulos and Eleni Symeonaki	Environmental conditions monitoring using wireless sensors for the conservation of museum exhibits: The case of the Tsitsanis Museum in Trikala, Greece
5171	10:40 – 11:00 online	Khanh Doan Huu, Tuan Dinh Anh and Tuan Hoang Duc	A 3D Dynamic Model Applied for Cargo Ships to Study Ship Motion Control
9409	11:00 – 11:20 online	Gabriela Nicoară and Petrişor Pătraşcu	AGYLE Methodology Applied in Supply Chain Management

Session Robotics and Mechatronics
Chair: Radu-Cătălin Țarcă

Friday, June 9, 2023 - Room V2-01 and online

ID	Schedule	Authors	Paper title
117	14:20 – 14:40 in person	Remus Vladimir Ghincu, Dan-Ioan Tarca, Florin Sandu Blaga and Tiberiu Vesselenyi	Proposal for a vacuum thermal evaporation deposition monitoring system using fuzzy models and AI elements
183	14:40 – 15:00 in person	Florin Timotei Avram, Pavel Dănuț Tocuț, Flaviu Ionuț Birouaș, Komal Khuwaja and Radu Cătălin Țarcă	Image Classification of Roughness using Feed Forward Artificial Neural Network
1787	15:00 – 15:20 in person	Lidia-Cristina Bazavan, Horatiu Roibu, Stefan-Irinel Cismaru and Nicu-George Bizdoaca	VR application for virtual environment with response to users' motion
5394	15:20 – 15:40 in person	Vlad Ovidiu Mihalca, Daniel Melentie Anton, Radu Catalin Tarca and Sahin Yildirim	Simulating simple tasks for a kinematic model of differential-drive mobile robots
5722	15:40 – 16:00 in person	Horatiu Roibu, Lidia-Cristina Bazavan, Stefan-Irinel Cismaru, Ionut-Cristian Resceanu, Dorin Popescu and Nicu-George Bizdoaca	Mechanical design of upper limb exoskeleton intended to be used in a human-machine interface
16:00 – 16:20 Coffe break			

6304	16:20 – 16:40 in person	Dan-Ioan Țarcă, Dan Crăciun, Remus Vladimir Ghincu and Kean Ong Low and Ioan Constantin Tarca	Pneumatic actioned mechanism for substrate loading, clamping and unloading system in a vacuum sputtering equipment
6379	16:40 – 17:00 in person	Adrian I. Pop, Nicolae Pop, Radu Tarca, Claudiu Lung and Sebastian Sabou	Wheeled mobile robot H.I.L. interface: quadrature encoders emulation with a low cost dual-core microcontroller
8074	17:00 – 17:20 in person	Lucian Micle and Erwin-Christian Lovasz	Facial reconstruction from an archeological starting point
8689	17:20 – 17:40 in person	Elida-Gabriela Tulcan, Carmen Sticlaru, Alexandru Oarcea and Erwin-Christian Lovasz	Medical Disinfection Robots: Past vs Future. Improving the Disinfection Process by Using Disinfection Robots with Folding Mechanism
8732	17:40 – 18:00 in person	Anton Daniel, Milaș Raul, Țicărat Teofil, Mihalca Vlad Ovidiu, Țarcă Radu Cătălin and Birouaș Flaviu Ionuț	Experimental testing of UV-C light sources used disinfection mobile robots
2309	18:00 – 18:20 in person	Konstantinos Pagonis, Paraskevi Zacharia, Antreas Kantaros, Theodore Ganetsos and Kostantinos Brahos	Design, fabrication and simulation of a 5-dof robotic arm using machine vision

Saturday, June 10, 2023 – online only

ID	Schedule	Authors	Paper title
982	09:20 – 09:40 online	Theodore Ganetsos, Antreas Kantaros, Nikolaos Gioldasis and Kostas Brachos	Applications of 3D printing and 3D scanning in industry
1305	09:40 – 10:00 online	José Mauricio Sánchez Soto and Christofer Alex Diaz Arapa	Lower Limb Actuation of a Humanoid Robot for Locomotion Using Reinforcement Learning
3118	10:00 – 10:20 online	Caius Stanasel and Iulian Stanasel	Parametrized design of cylindrical spur gear
4772	10:20 – 10:40 online	Komal Khuwaja, Aliza Aliza, Noorain Mukhtiar, Radu Tarca, Dan Noje, Mansor Juman and Bilwal Ali	Sustainable Agriculture: An IoT-Based Solution For Early Disease Detection In Greenhouses
5607	10:40 – 11:00 online	Flaviu Corb, Iulian Stanasel, Traian Buidos, Ralph Veres and Daniel Flonta	Study of surface quality processed by fiber optic laser engraving of steel according to working parameters

5803	11:00 – 11:20 online	Yuri Lester Silva Vidal, Christofer Alex Diaz Arapa, Álvaro de Jesús Huamaní Mejía, Elvis Diego Supo Choquehuanca, Jorge Luis Apaza Gutierrez and Paul Eduardo Pinto Salas	A Systematic Review of Methods for Cleaning FOD on Runways
6746	11:20 – 11:40 online	Cezar Frincu, Ioan Stroe and Ionel Staretu	Constructive optimization of an adaptive mechanical gripper based on vibration level
6861	11:40 – 12:00 online	Florin Blaga, Alin-Florin Pop, Andreea-Bianca Bodog, Voichita Hule and Ioan Lucaciu	The use of Petri nets for the performance evaluation of robotic welding cells
7545	12:00 – 12:20 online	Iulian Stanasel, Florin Blaga and Caius Stanasel	The influence of module, facewidth and helix angle on the load capacity of external spur gears
7782	12:20 – 12:40 online	Alexandru Oarcea, Florin Popister, Paul Ciudin and Michael Christian Salatioan	Development of smart orthosis with real-time corrective feedback
8082	12:40 – 13:00 online	Bence Kovács and Géza Husi	Big Data based Schedule Attainment improvement of test and measurement manufacturing area
9545	13:00 – 13:20 online	Noorain Mukhtiar, Komal Khuwaja, Danut Pavel Tocut and Ioan Tarca	An Experimental Study on the Railway Track Surface Fault Detection with Automatio

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Chair: Eugen-Victor Macocian

Friday, June 9, 2023 - Room V2-02 and online

ID	Schedule	Authors	Paper title
886	14:20 – 14:40 online	Aiman Albatayneh, Mustafa Jaradat, Liviu Moldovan	Hydrogen Production and Use: An Overview of its Importance in Mitigating Climate Change and its Nexus with Renewable and Power Engineering
4345	14:40 – 15:00 online	Christofer Alex Diaz Arapa, Diego Antonio Lozada Ojeda	Review of methods for monitoring elements using satellite imagery
9553	15:00 – 15:20 online	Papri Mitra, Swagata Roy, Thohidul Islam, Quazi Delwar Hossain	Exergaming Intervention on Motor Coordinated Mobility and Cognitive Function Development for Neurological Rehabilitation
2726	15:20 – 15:40 in person	Oana Stănăşel, Maria Elena Cărăban, Mioara Sebeşan, Sorin Hodişan, Camelia Ţicărat, Iulian Stănăşel, Cristian Blidar	Evaluation of Deep Temperatures in Oradea - 1 Mai - Felix Geothermal Area
8643	15:40 – 16:00 in person	Mioara Sebeşan, Oana Stănăşel, Horea Sebeşan, Camelia Ţicărat, Radu Sebeşan, Sorin Hodişan	Developing The Energy Potential Of Geothermal Resources From 3 Wells In Bihor County
16:00 – 16:20 Coffee break			
9776	16:20 – 16:40 in person	Alexandru Mihai Bica, Eugen Laslo, Cristian G. Crainic	Optimal Local Parameters For Hermite Type Cubic Splines
3656	16:40 – 17:00 online	Oana-Andreea Mastan, Aurel-Damian, Aurelia Coroian, Adina-Lia Longodor, Ștefania Mariș, Diana Monica Mesaros	Assessment of heavy metal contamination of certain types of fish meat
7073	17:00 – 17:20 in person	Ioana Maior, Gabriela Elena Badea, Anca Cojocaru, Alexandrina Fodor, Claudia Morgovan, Alina Groze	AC Impedance Measurements On Electrocatalytic Electrodes Interface For Hydrogen Evolution Kinetics In Seawater Electrolysis

3540	17:20 – 17:40 in person	Gabriela Elena Badea, Simona Dzitac, Liana Marin, Anda Ioana Gratiela Petrehele, Petru Gabriel Badea, Camelia Porumb	An investigation on the electrochemical behavior of steel in the presence of an eco-inhibitor
7768	17.40 – 18.00 in person	Cristina C. Oprea, Ioana M. Marcu, Ana-Maria C. Drăgulinescu, Ionuț Pirnog	Evaluating critical disease occurrence in grapevine leaves using CNN: use-case in Eastern Europe

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