

**От Кого:** MMCTSE Conference <mmctse.conf@gmail.com>

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September 20, 2022

### Remote presentations MMCTSE Session I 10: 00-13:00

Authors	Title
Qing Li (Plenary Speaker)	A continuum space is the infinitely great
Mary Lourenço, Armando Silva-Afonso, Carla Pimentel-Rodrigues	Performance indicators for water supply in buildings
Luís Vieira	Euclidean Jordan algebras and some properties of strongly regular graphs
Irtysheva Inna, Stehnei Marianna, Boiko Yevheniia, Nadtochii Iryna, Pavlenko Olena, Rakipov Vladislav, Hryshyna Nataliy, Sirenko Ihor, Ishchenko Olena, Tubaltseva Natalia	Socio-economic development in conditions of digital transformations: regional features, strategic analysis, and prospects
Skuratoskii R., Sulima A.	Errors and complications of total arthroplasty knee joint
Giorgio Sonnino, Alberto Sonnino	Efficient Multiparty Protocols Using Generalized Parseval's Identity and the Theta Algebra
Marek Vaclavik, Tomas Barot, Alena Valisova, Iva Cervenkova, Zuzana Sikorova	Analysis of Cardinal-Variables' Dependences Regarding Models' Structures in Applied Research of PISA
Maria Isabel Garcia-Planas, Maria Victoria Garcia-Camba	Control theory tools for best understanding brain Learning Disorders
I.G.BUROVA	The Local Nonpolynomial Splines and Solution of Integro-Differential Equations
ISMAIL ASSOJAA, SIHAM EZZOUAK AND HAKIMA MOUANIS.	PAIRING BASED CRYPTOGRAPHY NEW RANDOM POINT EXCHANGE KEY PROTOCOL
Dimitar Karastoyanov, Vladimir Monov, Todor Penchev	Metal powder production by atomization methods
Dimitar Karastoyanov, Vladimir Monov, Todor Penchev	Metal powder production by grinding in ball mills

### Remote presentations MMCTSE Session II 13: 00-15:00

Authors	Title
Anastasios Liveretos, Ivo Draganov	Identity & Access Management (IAM) and Customer IAM (CIAM): A Pulse Survey of several global corporations over their current usage and exploitation of automated IAM and CIAM solutions
Marin Marinov, Ivo Draganov	Analysis of the Real Estate Market in Shumen, Bulgaria, during the COVID-19 pandemic

Anastasios Liveretos, Ivo Draganov	Customer Identity and Access Management (CIAM): An overview of the main technology vendors
Marin Marinov, Ivo Draganov	Analysis of the Real Estate Market in Burgas, Bulgaria, during the COVID-19 pandemic
	<b>Title</b>
Alexandra P. Mavropoulou, Alexandros D. Bechrakis Triantafyllos, Anargyros T. Baklezos, Theodoros N. Kapetanakis, Ioannis O. Vardiambasis, and Christos D. Nikolopoulos	Measurements and Magnetic Cleanliness Assessment for Reaction Wheels on CubeSats

September 21, 2022

**Face-to-Face presentations in PALMAR CLUB [www.palmar.club](http://www.palmar.club)  
MMCTSE Session III 15:00-17-00**

Authors	Title
Priyanko Raj Mudiari, Kandarpa Kumar Sarma and Nikos Mastorakis	Adaptively Equalized Bandwidth Optimization Model using SCADA-DWWAN based Neural Network
ANTONIOS ANDREATOS & APOSTOLOS LEROS	Can oral grades predict final examination scores? Correlation between student oral grades and final exam scores at a higher education military academy
Jenifer Hussain, Nandini Ghosh, Anikshit A Kashyap, Kandarpa Kumar Sarma and Nikos Mastorakis	Automated Monitoring of Fruit State using Senors and AI Approach as part of a Greenhouse Setup
Hassan Al-Zoubi	Ruled Surfaces in the Euclidean 3-space satisfying $\ x\  = Ax$

September 23, 2022

**Poster presentations in PALMAR CLUB [www.palmar.club](http://www.palmar.club) (some of them w  
MMCTSE Session IV 09:00-17-00**

**MMCTSE**

Names of all the authors in the paper (including yourself)	Title
Zaid Tahseen Abdullah, Ziad Shakeeb Al Sarraf	Design Optimization of Two Diagonal Slotted Block Horn for Ultrasonic Plastic Welding
ZAYRIT Soumaya, BELHOUSSINE DRISSI Taoufiq, NSIRI Benayad, AMMOUMOU Abdelkrim	Predicting Parkinson s disease based on transformed speech signal by DWT with two methods for features selection: GA-AdaBoost and BPSO
Shuker Alsalema, Abu Firas Al Musawib, Enoch Suleimanc	On maximal permutation BH-ideals of Permutation BH-Algebras
Yuri Dem yanovich	Adaptive refinement of the variational grid method
Tshidiso Masebe	Preliminary Group Classification of nonlinear wave equation $u_{tt} + u_t = f(x; u_x)u_{xx} + g(x; ux)$
Carina Beermann, Prof. Dr. Petr, Mastny	Comparison of International and European standards regarding energy management in industry
Carina Beermann, Prof. Dr. Petr Mastny	Implementation of energy management with compact circuit-breaker – application in Industry 4.0

Names of all the authors in the paper (including yourself)	Title
Gilbert Makanda	Numerical analysis of fluid flow problems using spectral relaxation method (SRM)
Shuker Alsalema, Abu Firas Al Musawib, Enoch Suleimanc	On Permutation B-center and Derived Permutation B-algebras
BELHAJ Naoufel	Determinants of cities financial governance for sustainable urban development in Morocco. Case of the regions of Casablanca-Settat and Rabat-Sale-Kenitra.
Mahbouba Brahmi, Chiheb Ben Regaya, Hichem Hamdi and Abderrahmen Zaafouri	Comparative Study Of P&O and PSO Particle Swarm Optimization MPPT Controllers Under Partial Shading
Chiheb Ben Regaya , Mahbouba Brahmi, Hichem Hamdi and Abderrahmen Zaafouri	MPPT based on a novel multi-swarm PSO with factor selection strategy for PV applications
Hamza KHALDI	A Review of Future Fuel Cell Electric Vehicles and Challenges Related to Morocco
Hamza KHALDI	Study and realization of a control system prototype for a two-axis LDR-based solar tracker
Michael Dolinsky	Tool HLCCAD for Blended Learning the Fundamentals of Digital Electronics
Yiyu Liu, Yuanguo Zhu, Ziqiang Lu	Modified Comparison Theorems for Solutions of Caputo-Hadamard Fractional Differential Equations
Mulugeta Andualem	A New Decomposition Method (AKDM) for the Solution of Some Nonlinear Partial Differential Equations
Thamizhmaran Krishnamoorthy, Dr. Charles Arputham2	CLUSTER HEAD SELECTION BASED ENERGY EFFICIENT RELAY NODE ROUTING PROTOCOL FOR MANET
Aref Yelghi	A meta-heuristic algorithm based on the happiness model
Eli G. Pale-Ramon, Yuriy S. Shmaliy, Luis J. Morales-Mendoza, Mario González-Lee, Silverio Pérez-Caceres, and Efrén Morales-Mendoza	Estimation of states under Colored Measurement Noise (CMN) using UFIR and Kalman Filters modified
Lamairia Abd Elhakim	Nonexistence results of global solutions for fractional order integral equations on the Heisenberg group
Gerima Tefera	Properties of homomorphism and quotient implication algebra on implication algebras
V. R. Ibrahimov, M.N.Imanova, G.Yu. Mehdiyeva, Xiao-Guang Yue, Mohammed K.A.Kaabar	On a new way for investigation of finite difference method and its application to calculation of definite integrals
U C Jha	Capital structure of an Organisation – A Mathematical Modelling & Simulation analysis
Rositsa Velichkova	Analytical Investigation of Crown Fire in Bulgaria
Muzaffar khan	Hypertension Risk Stratification and detection of Diabetes Mellitus-II: A Machine Learning Paradigm for Early Assessment Using Photoplethysmography

Thanks  
Liana Tsenova  
MMCTSE 2022