3rd International Conference on

	Day 1 September 25, 2023		
	Meeting Hall: Rome		
08:00 - 08:40	Registrations		
08:40 - 09:00	Introduction		
	Keynote Presentations		
09:00 - 09:40	Title: Addressing The Challenge of Transition to A Circular Economy in Thermoset Based Fiber Reinforced Composites		
	Alberto Jiménez Suárez, Rey Juan Carlos University, Spain		
09:40 - 10:20	Title: Stent-Grafts: A Perfect Technique of Deployment, A Durability Still Disputable, A Biocompatibility to be Addressed		
	Robert Guidoin, Universite Laval, Canada		
	Group Photo (10:20 - 10:35)		
	Networking and Refreshments 10:35 - 11:00 @ Rome		
	Oral Presentations		
Session Chair	Joerg Manfred Hoffmann, Osnabrück University in Lower Saxony, Germany		
Session Chair	Simona Rada, Technical University of Cluj-Napoca, Romania		
Session Chair	Alberto Jiménez Suárez, Rey Juan Carlos University, Spain		
Sessions:	Applied Nanosciences and Nanotechnology Environmental Sciences Chemical Engineering Materials Science and Engineering Computer Applications and Information Sciences Applied Science Applied Thermal Engineering Food Science Biotechnology & Biological Sciences Neurosciences Energy Science and Technology Biomedical Engineering Polymer Engineering Applied Physics Mechanical Engineering Earth Sciences and Geography Civil Engineering Electrical, Electronics and Communications Engineering		
11:00 - 11:30	Title: Electronic Waste (E-waste) Management in Thailand: A Legal Perspective Approach		
	Bajrawan Nuchprayool, National Institute of Development Administration, Thailand		
11:30 - 12.00	Title: Recycling Industrial Coal Fly Ashes for (Photo) Catalytic Processes		
12.00 - 12.30	Title: Positioning Biotechnology Research within a Trans-Disciplinary Approach: A Reflection on Collaborative Research Strategies into Rooibos (Aspalathus linearis) An Indigenous Plant from South Africa and the Various Beneficial Outcomes		
	Simeon E.H. Davies, Cape Peninsula University of Technology, South Africa		
12:30 - 13.00	Title: Structural and Mechanical Properties of the Composite – Cement Stones		
	Simona Rada, Technical University of Cluj-Napoca, Romania		
	Lunch 13:00 - 14:00 @ Escale		
14:00 - 14:30	Title: Development of Distance Fabrics with Partial Chambers Using High Performance Fibers for Technical Textile Applications		
	Recep Türkay Kocaman, Hof University of Applied Sciences, Germany		
14:30 - 15.00	Title: Line Tunneling SiGe/Si iTFET with Control Gate for Ultra-Low Power Application Jyi-Tsong Lin, National Sun Yat Sen University, Taiwan		

Monday September 25, 2023

Scientific Program

3rd International Conference on

15.00 - 15.30	Title: Reducing Uncertainties in Rainfall-Runoff Models for Better Low Flows Forecasts
	Cynthia Andraos, Saint-Joseph University ESIB Beirut, Lebanon
15.30 - 16.00	Title: Innovative Process Design and Comprehensive Feasibility Assessment of Disposable Masks Valorization Technologies
	Yin Ting Chu, The Hong Kong Polytechnic University, Hong Kong
Refreshments 16.00 - 16.30 @ Rome	
16.30 - 17.00	Title: Polar PAM-4 Transmission with Interferometer and Direct Detection Receiver
	Gilad Katz, Holon Institute of Technology, Israel
17.00 - 17.30	Title: The Leakage Characteristics and The Explosion Risk Analysis of Flammable Refrigerants Leaking into Limited Space
	Xiaohong Han, Zhejiang University, China
17.20 10.00	Title: Sustainable Water Services in Resilient Built Environment
17:30 - 18:00	Jyrki Laitinen, Finnish Environment Institute, Finland
18:00 - 18.30	Title: Improvement of Axial Dispersion Estimation in Porous Media for Gases Under Pressure: Experimental and Modelling Methods
	Ahmed GRIM University of Pau et Pays de l'Adour, France
18.30 - 19.00	Title: Application of Vacuum Freezing to Improve the Quality of Thawed Carrot Discs
	Yuqi Huang, University of Technology of Compiègne, France
	Day 1 Concludes followed by Awards Ceremony

3rd International Conference on

	Day 2 September 26, 2023
	Meeting Hall: Rome
	Keynote Presentations
10:00 - 10:40	Title: fNIRS Based Lie Detection in Real World Scenario
10:00 - 10:40	Muhammad Raheel Bhutta, University of UTAH Asia Campus South Korea
	Networking & Refreshments 10.40 - 11.05 @ Rome
	Oral Presentations
	Title: Investigation of Orthotropy In The Bending of A Triangular Plate
11:05 - 11.35	Nuguzhinov Zhmagul Smagulovich, KazMIRD Institute at the Karaganda Technical University, Kazakhstan
Session Chair	Joerg Manfred Hoffmann, Osnabrück University in Lower Saxony, Germany
Session Chair	Simeon E.H. Davies, Cape Peninsula University of Technology, South Africa
Sessions	Applied Nanosciences and Nanotechnology Environmental Sciences Chemical Engineering Materials Science and Engineering Computer Applications and Information Sciences Applied Science Applied Thermal Engineering Food Science Biotechnology & Biological Sciences Neurosciences Energy Science and Technology Biomedical Engineering Polymer Engineering Applied Physics Mechanical Engineering Earth Sciences and Geography Civil Engineering Electrical, Electronics and Communications Engineering
	Oral Presentations
11:35 - 12:05	Title: Continuous Crystallization of Energetic Materials Using Continuous Oscillatory Baffled Crystalliser
	Ruaraidh John Wells, NiTech Solutions, United Kingdom
1005 1005	
12:05 - 12:35	Title: Experimental and Numerical Investigations of 3D Printed Onyx Parts
12.03 - 12:33	Title: Experimental and Numerical Investigations of 3D Printed Onyx Parts Daouda Nikiema, University of Savoie Mont Blanc France
12:35 - 13.05	
	Daouda Nikiema, University of Savoie Mont Blanc France Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies,
	Daouda Nikiema, University of Savoie Mont Blanc France Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies, Bulgaria
12:35 - 13.05	Daouda Nikiema, University of Savoie Mont Blanc France Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies, Bulgaria Lunch 13.05 - 14.00 @ Escale Title: Selective Oxygen Carrier for Low-Carbon Ethylene Oxide Production via Chemical Looping Deblina Majumder, Newcastle University, United Kingdom Title: Experimental Study of Stress Concentration in the Guide Vane and Blade-Flange Transition of a Reversible Hydraulic Machine
12:35 - 13.05 14.00 - 14.30	Daouda Nikiema, University of Savoie Mont Blanc France Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies, Bulgaria Lunch 13.05 - 14.00 @ Escale Title: Selective Oxygen Carrier for Low-Carbon Ethylene Oxide Production via Chemical Looping Deblina Majumder, Newcastle University, United Kingdom Title: Experimental Study of Stress Concentration in the Guide Vane and Blade-Flange Transition of a Reversible Hydraulic Machine Riad Assad Lafi Ahmad, Al Hussein Bin Talal University, Jordan
12:35 - 13.05 14.00 - 14.30	Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies, Bulgaria Lunch 13.05 - 14.00 @ Escale Title: Selective Oxygen Carrier for Low-Carbon Ethylene Oxide Production via Chemical Looping Deblina Majumder, Newcastle University, United Kingdom Title: Experimental Study of Stress Concentration in the Guide Vane and Blade-Flange Transition of a Reversible Hydraulic Machine Riad Assad Lafi Ahmad, Al Hussein Bin Talal University, Jordan Title: Diversity and Distribution of Ferns and their Antimicrobial Potential
12:35 - 13.05 14.00 - 14.30 14:30 - 15:00	Daouda Nikiema, University of Savoie Mont Blanc France Title: Application of IoT and FIWARE for Rapid Development of Aged Adult's Platforms Alexandre Chikalanov, University of Library Studies and Information Technologies, Bulgaria Lunch 13.05 - 14.00 @ Escale Title: Selective Oxygen Carrier for Low-Carbon Ethylene Oxide Production via Chemical Looping Deblina Majumder, Newcastle University, United Kingdom Title: Experimental Study of Stress Concentration in the Guide Vane and Blade-Flange Transition of a Reversible Hydraulic Machine Riad Assad Lafi Ahmad, Al Hussein Bin Talal University, Jordan

Tuesday September 26, 2023

3rd International Conference on

Applied Science and Engineering

ASE-P01	Title: Optimal Control of An Autonomous Microgrid
	Rasoavonjy Paulisimone, University of La Réunion, France
ASE-P02	Title: Green Approach for 2-Ketogluconic Acid Separation
	Blaga Alexandra Cristina, Gheorghe Asachi Technical University of Iasi, Romania
ASE-P03	Title: Production of Valuable Chemicals Through Selective Catalytic (Photo) Oxidation Transformation of 5-Hydroxymethylfurfural
	Marta Monteiro, Porto University, Portugal
ASE-P04	Title: Antibacterial Activity of Chitosan-Based Materials
	Fatiha Zaoui, University Moulay Tahar of Saida, Algeria

Day 2 Concludes

Panel Discussion - Awards & Closing Ceremony followed by Vote of Thanks

3rd International Conference on

Applied Science and Engineering

Virtual Presentations

Day 1 September 25, 2023 | 11:00 BST

11:00 - 11:15 Opening Ceremony and Introduction

Oral Presentations

Sessions: Materials Science and Engineering | Applied Chemistry | Applied Science | Biotechnology & Biological Sciences | Agricultural Engineering | Materials Science and Engineering | Environmental Sciences | Applied Thermal Engineering | Energy Science and Technology | Computer Applications and Information Sciences | Civil Engineering | Biotechnology & Biological Sciences | Chemical Engineering | Applied Physics | Structural Engineering

Title: Laboratory Investigation on the Effects of Delayed Compaction to the Resilient Modulus of Foamed Bitumen Stabilised Materials Roberto Espinosa, Fulton Hogan Pty Ltd, Australia Title: Performance Properties of Denim Fabric Developed with Chitosan Added Composite Viscose Yarns Ahmet Korkmaz, Calık Denim Research and Development, Turkey Title: Waterplus OWL —Sector Coupling for Transition of Water Infrastructure Systems Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan: Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India		Sciences Civil Engineering Biotechnology & Biological Sciences Chemical oplied Physics Structural Engineering
Title: Performance Properties of Denim Fabric Developed with Chitosan Added Composite Viscose Yarns Ahmet Korkmaz, Calık Denim Research and Development, Turkey Title: Waterplus OWL —Sector Coupling for Transition of Water Infrastructure Systems Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Wossen University, India Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	11:15 - 11:40	
11:40 - 12:05 Composite Viscose Yarns Ahmet Korkmaz, Calık Denim Research and Development, Turkey Title: Waterplus OWL –Sector Coupling for Transition of Water Infrastructure Systems Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan 14:40 - 15:05 Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Roberto Espinosa, Fulton Hogan Pty Ltd, Australia
Title: Waterplus OWL —Sector Coupling for Transition of Water Infrastructure Systems Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	11:40 - 12:05	· · · · · · · · · · · · · · · · · · ·
Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Ahmet Korkmaz, Calık Denim Research and Development, Turkey
Title: Synergistic Potential of Aegle Marmelos Essential Oil in Combination with Antifungal Drugs Against Drug Resistant Fungal Pathogens. Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	12.05 12.20	Title: Waterplus OWL –Sector Coupling for Transition of Water Infrastructure Systems
12:30 - 12:55 Riya Bhattacharya, Woxsen University, India Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	12:05 - 12:50	Jörg Felmeden, OWL University of Applied Sciences and Arts, Germany
Lunch @ (12:55 - 13:30) Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	12:30 - 12:55	
Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Riya Bhattacharya, Woxsen University, India
13:30 - 13:50 Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Lunch @ (12:55 - 13:30)
Title: Perspective of Biodiesel as Sustainable Alternative Fuels in the Transportation and Marine Sector Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	12.20 12.50	Title: Positive Periodic Solutions of an Iterative Survival Model of Red Blood Cells
13:50 - 14:15 Ali Raza, National University of Technology, Pakistan Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	13:30 - 13:30	Marwa Khemis, Lamahis laboratory, University of 20 August 1955 Skikda, Algeria
Title: Mitigating Drinking Water Scarcity in Pakistan: A Comprehensive Review of Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	13:50 - 14:15	· · · · · · · · · · · · · · · · · · ·
Atmospheric Water Extraction as an Urgent Imperative Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Ali Raza, National University of Technology, Pakistan
Muhammad Aurangzaib, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan Title: Impact of Single and Bi-Metal Doping on Structural and Optical Properties of CuO Nanoparticles Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	1415 1440	
14:40 - 15:05 Neeraj Kumari, K. R. Mangalam University, India Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	14:15 - 14:40	
Title: Identifying Diagnostic Protein Markers in the Urine Samples of Malaria Patients for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle	14:40 - 15:05	
15:05 - 15:30 for Non-Invasive Diagnosis Himani Tripathi, Central University of Rajasthan, India Title: Theoretical Study on Transport Properties of Janus Particle		Neeraj Kumari, K. R. Mangalam University, India
Title: Theoretical Study on Transport Properties of Janus Particle	15:05 - 15:30	
15:30 - 15:55		Himani Tripathi, Central University of Rajasthan, India
13:30 - 13:33	15.20 15.55	Title: Theoretical Study on Transport Properties of Janus Particle
Debajyoti Debnath, Rajkunwar College of Waghrul, India		Debajyoti Debnath, Rajkunwar College of Waghrul, India
Title: Synthesis and Structural Properties of Cu Nanoparticles	15.55 14.00	Title: Synthesis and Structural Properties of Cu Nanoparticles
Shivani Dhall, DAV College, India	15:55 - 16:20	Shivani Dhall, DAV College, India

3rd International Conference on

16:20 - 16:45	Title: Application of Haar Scale-3 Wavelet Collocation Method to the Solution of Fitzhugh-Nagumo Nonlinear Partial Differential Equation
16:45 - 17:10	Sonia Arora, Lovely Professional University, India
	Title: Efficient Electron Acceleration by Radially Polarized Hermite-Cosh-Gaussian Laser Beam in an Ion Channel
17:10 - 17:35	Jyoti Rajput, Lovely Professional University, India
	Title: Detection of Intervals Containing Subhorizontal Fractures in Carbonate Rocks by Using The Stoneley Wave Parameters
17:35 - 18:00	Irina Markova, Instituto Mexicano del Petroleo Mexico, Mexico
	Title: Modelling and Analysis of a Compression/resorption Heat Pump System with a Zeotropic Mixture of Acetone/CO ₂
	Paúl Sebastián Dávila Aldás, International University of Ecuador, Ecuador
	Poster Presentations
	Title: Reduction of Chemicals and Wastes Adverse Effects to Environment Under Implementation of Basel, Rotterdam, Stockholm and Minamata Conventions
18:00-18:15	Anahit Aleksandryan, Florida iMinistry of Environment of the Republic of Armenia, Armenia
18:15-18:30	Title: Design and Construction of a Device to Determine Thermal Properties of Construction Systems
	Ana Cecilia Borbón Almada, Universidad de Sonora, México
	Day 1 Concludes

3rd International Conference on

Applied Science and Engineering

Day 2 September 26, 2023 | 11:00 BST

Oral Presentations

Sessions: Materials Science and Engineering | Applied Chemistry | Applied Science | Biotechnology & Biological Sciences | Agricultural Engineering | Materials Science and Engineering | Environmental Sciences | Applied Thermal Engineering | Energy Science and Technology | Computer Applications and Information Sciences | Civil Engineering | Biotechnology & Biological Sciences | Chemical Engineering | Applied Physics | Structural Engineering

	·· · · · · · · · · · · · · · · · · · ·
11:00 - 11:25	Title: Multi Modality Brain Computer Interface
	Muhammad Raheel Bhutta, University of UTAH Asia Campus South Korea
11:25 - 11:50	Title: Reduced Graphene Oxide-Zinc Sulfide Nanocomposite Decorated with Silver Nanoparticles for Wastewater Treatment by Adsorption, Photocatalysis and Antimicrobial Action
	Hafiz Muhammad Tofil, Quaid-i-Azam University, Pakistan
11:50 - 12:15	Title: Implementation of the Global Concepts of Smart Municipalities in Jordan (Greater Amman Municipality as a Case Study)
	Reham M. Alreqeb, Aljiza Municipality, Jordan
12:15 - 12:40	Title: Identifying Health Risks in Rural Households: A Multi-Pollutant Exposure and Risk Assessment Model
	Basuraj Bhowmik, Indian Institute of Technology BHU, India
12:40 - 13:05	Title: Mathematical Modelling in Differential Equation for Tumour Growth Analysis
	Saradha Madhrubootham, Reva University,Karnataka, India
13:05 - 13:30	Title: Studying the Behavior of the Light-off Bioreporter DF4/PUTK2 as a Light-on Assay Against Lead
	Abdul-Rhman H. Muhammad, Cairo University, Egypt
13:30 - 13:55	Title: An Advanced Review on the Impacts of Plastic Pollution on Soil and Land Areas
	Suresh Aluvihara, University of Peradeniya, Sri Lanka