

Coalesce Research Group

THE
CPD
GROUP

SCIENCE

4TH INTERNATIONAL CONFERENCE ON

APPLIED SCIENCE & ENGINEERING

JUNE 27-28 2024

HOTEL MERCURE WIEN WESTBAHNHOF,
VIENNA, AUSTRIA

Theme: "Technological Developments & Modern Trends in Applied Science and
Advanced Engineering"

<https://appliedscienceconference.com/>

Day 1 June 27, 2024

Keynote Presentation	Title: Contribution to digital multipoint deformation of sheet metal with application in prototyping manufacturing
	Viorel PAUNOIU, Dunarea de Jos University of Galati, Romania
Keynote Presentation	Title: Soda Silicate and Sodium Hydroxide as Activator in Producing Green Building Bricks
	Bassam Z. Mahasneh, Tafila Technical University, Jordan

Keynote Slots Available

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 Presentation	Title: Implementing a novel design methodology using 3d surface models in the early vehicle concept creation phase
	Maximilian Schmitz, Ilmenau University of Technology, Germany
Oral Presentation	Title: Analysis of Cardiovascular and Cerebral Interactions in Response to Cognitive Tasks
	Verónica Janeth Martínez-Hernández, Autonomous University of San Luis Potosí, Mexico
Oral Presentation	Title: A Forgery Detection System for Palm Vein RGB Image Recognition Based on ResNet
	Shi-Jinn Horng, Asia University, Taiwan

Speaker Slots Available

Oral Presentation	Title: Advances and prospects of liquid immersion cooling for high-performance computing
	Xiaohong Han, Cryogenics Zhejiang University, Hangzhou, China
Oral Presentation	Title: Kinetics, thermodynamics and stability constants of aniline oxidative coupling reaction with promethazine: experimental and computational study
	Kareem Jumaah Jibrael, University of Sulaimani (UOS), Iraq
Oral Presentation	Title: Restoration of the Moorish Pavilion and architectural complex of Manguinhos, in Rio de Janeiro, Brazil
	Benedito Tadeu de Oliveira, Oswaldo Cruz Foundation- Fiocruz, Brazil

Oral Presentation	Title: GABA Prevents Sarcopenia through Regulation of Protein Turnover and Inflammation in 21-25-month-old C57BL/6J Mice
	Boo Yong Lee, College of Life Science, CHA University, South Korea
Oral Presentation	Title: Non-invasive fuel consumption measurement for internal combustion engines based on otto cycle
	Emerson Alves da Silva, Federal University of Minas Gerais, Brazil
Oral Presentation	Title: Relationship between doping and intrinsic defects in UWBG semiconductors The case of Zn doping in -Ga2O3 grown by MOCVD
	Georges BREMOND, CNRS, ECL, UCBL, CPE, Institute des Nanotechnologies de Lyon, France
Oral Presentation	Title: Improved Design Topology for PLC performance Using System Generator
	Kasim Karam Abdalla, Faculty of Engineering, Electrical department University of Babylon, Iraq
Oral Presentation	Title: Indigo – Development of chemical synthesis procedures
	Michaela Kröppel, University of Applied Sciences, Upper Austria
Oral Presentation	Title: Complex Access Scenarios (CAS) Service Request
	Rahmira Rufus, University of North Carolina, USA
Oral Presentation	Title: Cooperative and Coordinated Mobile Femtocell Technologies in High-Speed Vehicular Environments
	Rand Raheem, Faculty of Science and Technology, Middlesex University, United Kingdom

Speaker Slots Available

Poster Presentation	Title: Preparation of Perspective Sorbents for Purification/Decontamination of Different Source Waters
	Lusine Harutyunyan, Armenian National Agrarian University, Armenia
Poster Presentation	Title: Sorption Activity of Surfactant—modified Natural Armenian Zeolites Regret to Metals Removal from Natural Aquatic Systems
	Alla Manukyan, Lernametalurgiai Institute, Armenia
Poster Presentation	Title: Some Novel Peptides Containing a Modified Pyrazolopyrimidine Moiety: Design, Synthesis, and In Vitro Antibacterial Screening
	Mohamed Ge. Zayda, Dar Al Uloom University, Saudi Arabia
Poster Presentation	Title: Design and Experiments of a Pneumatic Driven Exoskeleton for Rehabilitation and Training
	Dimitar Chakarov, Institute of Mechanics, Bulgaria

Poster Slots Available

Day 2 June 28, 2024

Keynote Presentation

Title: Soda Silicate and Sodium Hydroxide as Activator in Producing Green Building Bricks

Bassam Z. Mahasneh, Tafila Technical University, Jordan

Keynote Presentation

Title: Clinical evaluation of a mobile, low-cost system for fluorescence guided photodynamic therapy of early oral cancer in India

Stephen G Bown, University College London, United Kingdom

Keynote Slots Available

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 Presentation

Title: The Application of Machine Learning to Predict and Solve NMR Spectra in Structure Elucidation

Ben Honoré, University of Bristol, United Kingdom

Oral Presentation

Title: Integration of NIRs, GC-MS and Machine Learning for Close-Fitting Prediction of Fat and Protein Content in Cow Milk

Azimmatul Ihwah, University of Nottingham, United Kingdom

Speaker Slots Available

Oral Presentation

Title: Simulator for Cardiovascular Procedures

Jesus Moises Martinez Buendia, Biomedical Systems Engineering, National Institute of Cardiology in Mexico

Oral Presentation

Title: Analyzing water consumption trends in the metropolitan municipality: A case study of Village Gardens in Sunnyside, City of Tshwane, South Africa

Mpho Muloiwa, Tshwane University of technology, South Africa

Oral Presentation

Title: Comparative Analysis of Bimodal Transport Concession Contracts: the case of Peru

Gaston Casapia Soto, Janus Consulting Comptroller General's Office of the Republic of Peru

Oral Presentation

Title: Covid-19 affected the performance of Mathematics and Applied Mathematics students at Sefako Makgatho Health Sciences University

Bongisizwe Sibeko, Sefako Makgatho Health University of Science South Africa

Oral Presentation

Title: Analyzing water consumption trends in the metropolitan municipality: A case study of Village Gardens in Sunnyside, City of Tshwane, South Africa

Mpho Muloiwa, Tshwane University of technology, South Africa

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Oral Presentation	Title: Comparative Analysis of Bimodal Transport Concession Contracts: the case of Peru
	Gaston Casapia Soto, Janus Consulting Comptroller General's Office of the Republic of Peru
Oral Presentation	Title: Covid-19 affected the performance of Mathematics and Applied Mathematics students at Sefako Makgatho Health Sciences University
	Bongisizwe Sibeko, Sefako Makgatho Health University of Science South Africa
Oral Presentation	Title: Cross-Corpus Multilingual Speech Emotion Recognition: Amharic vs. Other Languages
	Ephrem Afele Retta, Science and Technology, Northwest University, China
Oral Presentation	Title: Novel Hybrid RF-DC Converter using CMOS n-Well Process
	Muneer A. Al-Absi, King Fahd University of Petroleum and Minerals, Saudi Arabia
Speaker Slots Available	
Poster Presentation	Title: Variations in Technological Capability Accumulation Trajectories: The Mining Sector in a Emerging Economy
	Janaina Piana, Federal University of Technology, Paraná, Brazil
Poster Presentation	Title: Comparison of Multicriteria Methods for Selecting Civil Construction Suppliers
	Fernanda Cavicchioli Zola, Federal University of Technology - Parana, (UTFPR), BRAZIL
Poster Presentation	Title: Ways of improving the operational properties of vibro-compressed fine-grained concrete based on ultrahard mixtures in the process of industrial production in the conditions of modern Ukraine
	Ihor Lichnov, Lviv Polytechnic National University, Ukraine
Poster Presentation	Title: A Microalgae Photobioreactor System for Indoor Air Remediation: Empirical Examination of the CO ₂ Absorption Performance of Spirulina maxima in a NaHCO ₃ -Reduced Medium
	Myungho Han, CEO of Spirulina Farms Ltd, South Korea
Poster Presentation	Title: Implementation of QR codes on medical equipment as a tool for hospital management
	Quetzalli Hidalgo, Universidad Autonomic de San Luis Potosi, Mexico

Oral/Poster Slots Available
Delegates/ Listeners Slots Available

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<https://appliedscienceconference.com/registration>

CONFERENCE REGISTRATION	
Category	Price
Presenter	\$ 699
Listener	\$ 749
Exhibitor	\$ 1600

REGISTRATION INCLUDES
<ul style="list-style-type: none">• Access to all Presentations• Conference Proceedings Book• Certificate Accredited by our Organizing Committee Member

DATES TO REMEMBER	
Abstract submission Deadline	16 th April 2024
Early Bird Registration	19 th April 2024
On spot registration:	27 th June 2024

GROUP REGISTRATION
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Contact Us

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For your queries regarding about abstract Submission, registration mail us at:

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Venue: Hotel Mercure Wien Westbahnhof, Vienna, Austria

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