7th World Chemistry Conference and Exhibition (WCCE-2024) September 16 - 17, 2024 at Lisbon, Portugal	
Tentative Program	
Day-1: September 16, 2024	
08:00-08:40	Registrations
08:40-09:00	Welcome Ceremony
Keynote Session	
09:00-09:30	Flat-band itinerant antiferromagnetism in the kagome metal CoSn1-xInx from nonmagnetic substitutions
	Brian Sales, *Oak Ridge National Laboratory, USA*
09:30-10:00	Keynote Slot Available
10:00-10:30	The Multifunctional Apparatus for Voltammetry, Electrophysiology, and Neuromodulation for Multi-waveform fast scan cyclic voltammetry mapping of biogenic amines
	Kendall H. Lee & Yoonbae Oh, *Mayo Clinic, USA*
	Group Photo @ Foyer (or) Hall
10:30-10:50	Refreshment Break @ Foyer
Technical Session I	
10:50-11:10	Identification of unprecedented binding sites for covalent HDAC8 inhibitors
	Franz-Josef Meyer-Almes, *Darmstadt University of Applied Sciences, Germany*
11:10-11:30	Synthesis and application of new reactive triazine dyes
	Polya Mihaylova Miladinova, *University of Chemical Technology and Metallurgy, Bulgaria*
11:30-11:50	Selective Tumor Transport and Multitargeting by the Design of Conformational Flexibility
	Aleem Gangjee, *Duquesne University, USA*
11:50-12:10	Harnessing Rational and Iterative Drug Discovery Strategies
	Joseph Holoshitz, *University of Michigan, USA*
12:10-12:30	Size-distribution controlled synthesis of TiO2 and Al0.74Ti0.26O3 thin films by Mist CVD and applications as gate dielectric layers for MOSFETs
	Hajime Shirai, *Saitama University, Japan*
12:30-12:50	Discovery of RMC-5552, a selective bi-steric inhibitor of mTORC1 that suppresses 4EBP1 phosphorylation, for the treatment of mTORC1-activated tumors including RAS pathway escape
	Les Burnett, *Revolution Medicines, USA*
12:50-14:00	Lunch @ Restaurant
Technical Session II	
14:00-14:20	MOF-derived carbon composites for strong and broadband electromagnetic wave absorption
	Qi Zheng, *Donghua University, China*
14:20-14:40	MOF-derived carbon composites for strong and broadband electromagnetic wave absorption
	Lianjun Wang, *Donghua University, China*
14:40-15:00	MOF-derived carbon composites for strong and broadband electromagnetic wave absorption
	Wan Jiang, *Donghua University, China*
15:00-15:20	Slot available
15:20-15:40	A novel Textile-based electrochemical sensor for ethanol detection in sweat
	Nuna Gabriela Lima Da Costa, *University of Minho, Portugal*
15:40-16:00	Refreshment Break @ Foyer

16:00-16:20	**Photoreaction Pathways of Sensory Rodopsins and Bacteriorhodopsin as Revealed by in Situ Photoirradiation Solid-State NMR**
	Akira Naito, *Yokohama National University, Japan*
16:20-16:40	**Slot available**
16:40-17:00	**New Mode of Liquid Chromatography**
	Yury Zelechonok, *SIELC Technologies, USA*
17:00-17:20	**Discovery of a gut microbial enzyme that reduces bilirubin to urobilinogen**
	Brantley Hall, *University of Maryland, USA*
Day-2: September 17, 2024	
Technical Session III	
09:00-09:20	**Nucleophilic Addition Reactions to d9 Metal (Co, Rh, Ir) Stabilized Carbocations: Reactions of [M(η5-C5R5)(η2vinyl -η3cyclopentenyl)] + with Nu- (OH-, CN-, OMe-, CH3-)**
	Abul K Fazlur Rahman, *Oklahoma School of Science and Mathematics, USA*
09:20-09:40	**Waxy Crude Oil Properties Prediction by Near- Infrared Spectroscopy**
	Norhidayah Binti Ahmad Wazir, *Petronas Research, Malaysia*
09:40-10:00	**Advancements in Flexible Hybrid Perovskite Solar Cell Technology: Optimization and Efficiency**
	Natalie Vanessa Boyou, *Petronas Research, Malaysia*
10:00-10:20	**Modeling Design Developement Structure of Organic-inorganic Lead Halide Perovskite with Silicon-based using SCAPS-1D**
	Nurfarizza Surhada Binti Mohd Nasir, *Petronas Research, Malaysia*
10:20-10:40	**Slot available**
10:40-11:00	
11:00-11:20	**New insights into methane conversion to graphene mesosponge**
	Qi Zhao, *QMUL, United Kingdom*
11:20-11:40	**Bio-derived precursors as a route to sustainable carbon fibre**
	Cai Li Song, *Petronas Research, Malaysia*
11:40-11:40	**Hydrophilic Polymer Matrices for a Controlled release of Amine-based Chemical Inhibitors**
	Shazleen Saadon, *Petronas Research, Malaysia*
12:10-12:30	**Integration study on Hybrid Chelating Agent of Aminocarboxylic Acid Performance in High Temperature Condition Toward Metal Cation**
	Emily S. Majanun, *Petronas Research, Malaysia*
12:30-12:50	**Discovery of derivatives from Spartina alterniflora-sourced moiety as xanthine oxidase inhibitors to lower uric acid**
	Yushun Yang, *Nanjing university China*
12:50- 13:10	**Study of Lowering Uric Acid of a Spartina alterniflora-Sourced Functional Beer**
	Mingxi Zhou, *Nanjing university, China*
13:00-14:00	**Lunch @ Restaurant**
Technical Session IV	
14:00-14:20	**Tunable Biobased Polyol Esters for Sustainable Future**
	Nur Amalina Samsudin, *Petronas Research, Malaysia*
14:20-14:40	**Fuelling the Future: Mono- Layer Transition Metal Sulfides in Biofuel Production**
	Suhaimi Bin A. Razak, *Petronas Research, Malaysia*
14:40-15:00	**Optimization of static headspace extraction technique by gas chromatography for determination of CO2 conversion products from photocatalytic process**
	Voon Chang Hong, *Petronas Research, Malaysia*
15:00-15:20	**Slot available**

15:00-15:20	Slot available
15:20-15:40	**Quantum chemical modeling of hydrogen binding in metal–organic frameworks: validation, insight, predictions and challenges**
	Romit Chakraborty, *UC Berkeley and LBNL, USA*
15:40-16:00	**Refreshment Break @ Foyer**
16:00-16:20	**Optimization Photocatalytic degradation of antibiotic drug and dye pollutants undervisible-light irradiation by reduced graphene oxide decorated MoO3/TiO2 nanocomposite**
	Aleesha Ali, *Tianjin University, China*
16:20-16:40	**Slot available**
16:40-17:00	**Desymmetric hydrolysis of prochiral imide for S-pregabalin synthesis by rationally designed d-hydantoinase**
	Bo Yu, *Institute of Microbiology, Chinese Academy of Sciences, China*
Virtual Session-WET (Lisbon time)	
June 26, 2024	
WCCE-2024	**A new approach for the synthesis of N-β-enaminocarbonyl 2-oxazolidinones through ring transformation reactions of uracil**
	Yoshiaki Kitamura, Gifu University, Japan
WCCE-2024	**Evaluation of green silicone surfactant-based vortex assisted dispersive liquid-liquid microextraction for sample preparation of organophosphorus pesticide residues in honey and fruit sample**
	Nur Nadhirah Binti Mohamad Zain, Universiti Sains Malaysia, Malaysia
WCCE-2024	**Relatively semi-conservative replication and a folded slippage model for short tandem repeats**
	Zhongyang Tan, Hunan University, China
WCCE-2024	**Application of Carbon Fiber-Reinforced Ceramic Composites in Active Thermal Protection of Advanced Propulsion Systems**
	Xing Sun, Northwestern Polytechnical University, China
WCCE-2024	**Slot available**
WCCE-2024	**Engineering at the Nanoscale: A Strategy for Developing High Performance Functional Materials from Biopolymers**
	Sabu Thomas, Mahatma Gandhi University, India
WCCE-2024	**Development and validation of an analytical method to ensure quality requirements of hydrolyzed proteins intended for agricultural use as bio stimulants**
	Chiara Nardi, Sicit Chemitech, Italy
WCCE-2024	**Closing the loop in the textile industry: dealing with textile residues and wastewaters**
	Oscar Martinez Rico, University of Vigo, Spain
WCCE-2024	**Slot available**
WCCE-2024	**Photocatalytic removal of Rhodamine B using UV254nm/ZnO process**
	Hafida Gaffour, University of Adra, Algeria
WCCE-2024	**Slot available**
WCCE-2024	**smartchoice: a decision app for chemical handheld detectors**
	Patrick Wengler, Tor Vergata, Luxembourg
WCCE-2024	**Slot available**
WCCE-2024	**Safeguarding Sustenance: Mycotoxin Mitigation in Food Chains and Ecosystems**
	Jaqueline Garda Buffon, Federal University of Rio Grande (FURG), Brazil