

**International Conference on Recycling and Waste Management [ICRWM-2026]**

**Dates: July 23–24, 2026**

**Venue: Vienna, Austria in Rainers Hotel**

**Tentative Agenda**

**DAY-1 (July 23)**

**09:30-10:00**

**Registrations & Opening Remarks**

**Presentations**

***Technical Session- I***

**10:00-10:20**

*Anticipatory sustainable and circular-by-design material development - Assessment framework, material concepts, and development*

**Dr. Jan-Marten Sprenger, Fraunhofer-Institute for Manufacturing Technology and Advanced Materials IFAM, Germany**

**10:20:10:40**

*Nudging food waste reduction: An experiment at a university dining facility in China*

**Dr. Zhang Yuchi, The University of Osaka, Japan**

**10:40-11:00**

***Slot Available***

**11:00-11:30**

**Group Photo**

**Refreshment Break**

***Technical Session- II***

**11:30-11:50**

*Circular Aromatics from MSPW Sorting Residues: Pyrolysis Char as an Alternative Reforming Agent - Lab-to-Demo Scale*

**Prof. Dr.-Ing. Matthias Franke, Fraunhofer UMSICHT, Germany**

**11:50-12:10**

***Slot Available***

**12:10-12:30**

*Effect of Refining Temperature and Refining Time on Purification and Composition Control of FGH95 Powder Metallurgy Superalloy Return Material During Vacuum Induction Melting*

**Dr. Jiulong Chen, School of Materials Science and Engineering, Beihang University, China**

**12:30- 12:50**

***Slot Available***

**12:50- 13:45**

**Lunch @ Restaurant**

***Technical Session- III***

13:45-14:05	<i>Application of Recycled Concrete Aggregates for the Construction of Asphalt Mixtures for Road Pavements: Sustainable Waste Management and Circular Economy</i>
	Prof. Juan Gabriel Bastidas-Martínez, Nueva Granara Military University, Colombia
14:05-14:25	Slot Available
14:25-14:45	Slot Available
14:45-15:05	<i>Artificial Intelligence (AI) based diagnosis and analysis for roto-dynamic machinery fault recognition and detection</i>
	Dr. Ahmed Saeed Al-Ghamdi, WTIIRA, SWA, Saudi Arabia
15:05-15:25	<i>Dual Role of Organic Matter in Feammox-driven Nitrogen and Phosphate Removal</i>
	Prof. Kangning Xu, Beijing Forestry University, China
15:25-15:40	Refreshment Break
<i>Technical Session- IV</i>	
15:40-16:00	<i>SpectroMarine: advancing realtime water quality monitoring to mitigate biofouling in desalination plants</i>
	Dr. Amr Mohamed Mahmoud, Deputy Director, WTIIRA, SWA, Saudi Arabia
16:00-16:20	Slot Available
16:20-16:40	Slot Available
16:40-17:00	<i>Mechanistic Study of Bromine Transformation during HZSM-5/CaO-Catalyzed Pyrolysis of Waste Electronic Circuit Boards</i>
	Dr. Samina Gulshan, KTH Royal Institute of Technology, Sweden
17:00-17:20	Slot Available
Day-1 Concludes	
<u>DAY-2 (July 24)</u>	
09:30-10:00	Registrations & Opening Remarks
<i>Technical Session- V</i>	
10:00-10:20	<i>Clean Energy Innovation and Carbon Reduction : The Impact of Green Hydrogen, Fuel Cells, and Financial Development in BRICS Economies</i>
	Prof. Kilani Hadda, University of Sfax, Tunisia
10:20:10:40	Slot Available
10:40-11:00	<i>Degradation of agricultural polyethylene film by greater wax moth (Galleria mellonella) larvae and screening of involved gut bacteria</i>

	Prof. Yin Lu, Zhejiang Shuren University, China
11:00-11:20	Slot Available
11:20-11:40	Slot Available
11:40-12:10	Refreshment Break
12:10-12:30	Slot Available
12:30-12:50	Slot Available
12:50- 13:45	Lunch @ Restaurant
<i>Technical Session- VI</i>	
13:45-14:10	<i>The Potential of Pontederia crassipes to Remediate Heavy Metals in Water</i> Dr. Kang Gao, Beijing Academy of Agriculture and Forestry Sciences, China
14:10-14:35	<i>Performance-Driven Waste-to-W Wealth Valorization of RAP in DBM: Mechanistic and Statistical Evaluation under Optimized RAP Preheating and Black-White Curve Gradation Control</i> Dr. Dudhwala Rinkal Dineshchandra, Pandit Deendayal Energy University, India
14:35-15:00	Slot Available
15:00 - 15:20	<i>Plastic-Waste-Modified Asphalt for Sustainable Road Infrastructure</i> Dr. Syed Khaliq Shah, Southeast University China, China
15:20-15:40	Refreshment Break
15:40-16:00	Slot Available
16:00-16:20	Slot Available
16:20-16:40	Slot Available
16:40-17:00	Slot Available
17:00-17:20	Slot Available
17:20-17:45	Closing remarks
Day-II concludes	
Panel Discussions	
This is a provisional agenda and may be subject to change. Only a few slots are available. To reserve your slot, please reach out ASAP at <a href="mailto:jamesmathew@urforum.org">jamesmathew@urforum.org</a> or at +44 7404141173	