

Day – 2: Tuesday, 5th March 2024

SESSION IV: Chemical Separation

10 am - 11 am

Session Chair	Mr. Bhaskaran Rajagopalan, CTO, Aarti Industries Ltd
Commercializing Ion-Specific Membranes for Critical Mineral Recovery	Professor David Jassby, SpecifX
Membrane Nano filtration Technology to reduce Chemical Separation CO2 Emissions by 90%	Mr. Chunfeng Wan, CEO, SOLV8 Technology Pte Ltd Mr Kunal Daga , Founder & Director, MolSynth – Daga Global
Single Walled Carbon Nanotubes Coated Membranes for Efficient Desalination	Mr. Gangadhar Reddy, CEO, NoPo Nanotechnologies
Need for separation-less manufacturing protocol	Dr. Nilesh Mali, Scientist, NCL Pune

Q&A

SESSION V Renewable Chemicals

11:00 am – 12: 00 pm

Session Chair	Dr. Satish Chandra Pandey, Staff Scientist, External Manufacturing, SABIC
Technology Solutions for Conversion of Carbon Into Fuels, Polymers & other Chemicals.	Mr. Raghubir Gupta, President & Co-founder, Susteon Inc
Production of Renewable LPG (propane)	Mr. Markus Lesemann, Director-Business Development, GTI Energy
Next Generation Catalysts for SAF, Chemicals	Ms. Aruna Ramkrishnan, CTO, Coppernic Catalyst
Engineered Microbes to Efficiently Extract Lithium	Mr. Jacob Roberts, Co-Founder, Alkali Labs

Q&A

Session VI : Carbon Capture

12:00 pm – 1:00 pm

Session Chair	Mr. J P. G. Dobriyal, GGM, Head GEOPIC, ONGC
Joint Session Chair	Mr R K Srivastava, former CMD, ONGC
CO2 Removal Using Seawater Electrolysis	Mr. Gaurav Sant, Professor at UCLA and Co-founder, Equatic Inc. and Mr. David Jassby, Professor UCLA
Advanced Molecules to Capture Carbon More Efficiently	Mr. Raghubir Gupta, President & Co-founder, Susteon Inc.
Advanced Catalyst of Energy Efficient Carbon Capture	Dr. Piyali Mujumdar, Chief Scientific Officer, UrjanovaC Pvt. Ltd.
Commercializing Hybrid Direct Air Capture Technology	Mr. Ben McCool, Sr. VP Technology, Avnos

Q&A

NETWORKING LUNCH : 1:00 pm – 2:00 pm

SESSION VII: HYDROGEN

2:00 pm – 3:15 pm

Session Chair	Dr. V Ravikumar, CGM CRDC, BPCL
Membrane Less Hydrogen Electrolysers	Mr. Rochan Sinha, Co-founder, Newtrace
Green Hydrogen Using Photo-Electrochemical Technology	Ms. Ritika Gaur, Project Head Marketing, CEO, SoHhytec
Producing Hydrogen while capturing CO2	Mr. Gaurav Sant, Professor at UCLA and Co-founder, Equatic Inc. and Mr. David Jassby, Professor UCLA
Clean Hydrogen Production with Integrated CO2 Capture	Mr. Markus Lesemann, Director-Business Development, GTI Energy
Low Cost Alkaline Exchange Materials Process	Mr. Jeremy Brewer, Investor, Ecoelectro
Electroactive Microbial BioHydrogen	Mr. Kamar Suhail Basha, CTO and Co-founder, Ossus Biorenewables

Q&A

Tea / Coffee : 3:15 pm – 3:30 pm

Session VIII : Resource Efficiency (Water & Energy Efficiency)

3:30 pm – 5.00pm

Session Chair	Mr Ajay Popat, President , Ion Exchange (India) Pvt Ltd. Mr. Shyam Dhekekar, Chief Technical and Sustainability Officer, Aarti Industries Ltd
Molecular Filters for Effluents & Emissions Reduction in Manufacturing Industries	Dr. Prerna, Founder & CEO, Exposome
Insulating Nanomaterial, Aerogels in Multi-Faceted Forms to Serve Thermal Insulation Applications	Dr. Gayathri Natarajan, Founder, KrossLinker
Water Sustainability Solution Provider for Industrial & Commercial Establishments	Ms. Dhvani Mehta, Fluxgen Technologies
Cutting Energy Consumption of HVAC Systems With Innovative Business Models & IOT+AI	Mr. Vivek Nair, Brand and Marketing, Smart Joules Pvt. Ltd
IoT Software that Drives Ops Excellence in Water Management	Ms. Mansi Jain, Founder &CEO, Digital Paani
Increasing Passive Cooling Efficiency Using Material Innovations	Mr. Bhimashankar Wangaskar, Founder & CEO, Thermistance Technologies Pvt. Ltd.
Next Generation Water Treatment technologies	Mr. Krunal, Co-founder, COO, Indra Water

Q&A