

**ARUN KUMAR SINGH**

Director Marketing & Additional I/C Refineries  
Bharat Petroleum Corporation Ltd &  
Chairman - Central Advisory Board  
Refining & Petrochemicals World.IE 2021

**Refining & Petrochemicals World . IE 2021**

Theme: **Refining & Petrochemicals: Managing the Current Challenges**

**24<sup>th</sup> & 25<sup>th</sup> February, 2021**

<b>Wednesday, 24<sup>th</sup> February, 2021</b>	
<b>INAUGURAL SESSION</b> <span style="float: right;">4:00 pm – 5:30 pm</span>	
<b>Chairman's Address</b>	Mr. Arun K Singh, Director Marketing) with Addl.charge of Director (Refineries), BPCL & Chairman Refining & Petrochemicals World . IE 2021
<b>Keynote : Refining Technologies for the Future</b>	Mr. Ujjal Mukherjee, MD, Chevron Lummus Group
<b>Keynote Address</b>	Mr. E S Ranganathan, Director Marketing, GAIL
<b>MARKET OVERVIEW REFINING &amp; PETROCHEMICALS</b> <span style="float: right;">5:30 pm – 7:00 pm</span>	
<b>Moderator : Mr. B Ashok, CEO, RRPCL</b>	
<b>Consultants View: Forecast of product demand for Refining &amp; Petrochemicals industry</b> Ishita Singh, IHS Markit	
Q&A	
<b>TECHNOLOGY INTERVENTIONS (I)</b> <span style="float: right;">7:00 PM – 8:00 PM</span>	
<b>Moderator: Mr. K K Jain, ED, Centre for High Technology , MoPNG</b>	
<b>Crude to Chemicals</b>	Mr. Rama Rao, Marri Director FCC & Olefins, Lummus, USA
<b>Green Hydrogen</b>	Mr. J. P. Soni, Head of Process and System Design, tkis
<b>Forming &amp; Handling of Carbon-Rich Residue Streams from Bottom of the Barrel Upgrading Processes</b>	Mr. Marvin Petit-Homme , Global Product Manager-Residuals , IPCO
Q&A	

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**Thursday, 25<sup>th</sup> February, 2021**

**TECHNOLOGY INTERVENTIONS (II)**

**5:00 pm – 6:30 pm**

**Moderator : Mr. Abhairaj Bhandari, COO, Bharat Oman Refineries Ltd**

**Panelist : Mr. Bhaskar Phukan, Director Technical, Numaligarh Refinery Ltd**

**Hydrogen production, storage, and liquefaction, the opportunities and challenges**

**Mr. Matthew Harwood, Senior Vice President, Strategy, Risk and Sustainability, McDermott**

**Pramod Dalvi, Key Account Management, Danfoss Industries**

**Specialty Coating for Hydrogen Recycle Compressors in the Refining & Petrochemical Industry**

**Mr. Derrick Bauer, Global Head - Materials Engineering, Elliott Group, USA**

**Q&A**

**DIGITALIZATION**

**6:45 pm – 8:00 pm**

**Panelists : Mr. Manoj Kumar, Head of Digital Transformation, HMEL**

**Mr. V Nandakumar, CGM (PP, OMC SALES, QC, R&D), MRPL**

**Digitalization in downstream and petrochemicals to achieve Carbon Reduction and Margin Optimization**

**Ms. Valerie Panopio, Principal Solution Consultant, MSC**

**Addressing Process Upsets in Refineries and Petrochemical Units Using Data Analytics**

**Mr. Sanjay Thakker, Director (Refinery), Emerson**

**Drawingless Production in digital and data-driven Process Industry - Industry 4.0**

**Mr. Juha Asanti, Vice President – Regional Offices  
Cadmatic Software Solutions**

**Q&A**