

Conference Programme
5th International Hydrogen and Fuel Cell Conference (IHFC-2016)
December 11 – 13, 2016
Marriott Hotel & Convention Centre, Hyderabad, India

<u>Date: Sunday, 11th December 2016</u>	
14:00 – 18:00 Hrs.	REGISTRATION
16:00-17:30 Hrs.	<p style="text-align: center;"><u>Inaugural Session</u></p> <ul style="list-style-type: none"> • Welcome & Opening Remarks: Dr. R.K. Malhotra, President Hydrogen Association of India & Director General, Petrofed <ul style="list-style-type: none"> ▪ Address by Sh. A. P. Sawhney, Additional Secretary, MoP&NG, Govt. of India ▪ Address by Sh. Girish Shankar, Secretary, Department of Heavy Industry, Govt. of India ▪ Felicitation of Lifetime Achievement Award Felicitation and Acceptance Speech – Prof. O N Srivastava ▪ Inaugural Address by Dr. V. K. Saraswat, Member NITI Aayog, Govt. of India • Vote of Thanks by Sh. Arun Nemani, Vice President, Hydrogen Association of India
17:30-18:00 Hrs	<u>Tea Break</u>
18: 00– 19:00 Hrs.	<p style="text-align: center;"><u>CEO Panel on Roadmap for Hydrogen & Fuel Cell</u></p> <ul style="list-style-type: none"> • Session Moderator: KPMG <ul style="list-style-type: none"> ▪ Mr. G. K. Satish Director (P&BD), IOCL ▪ Dr. S S V Ramakumar, Executive Director, IOCL ▪ Mr. Sanjay Bandopadhyay, CEO, ICAT ▪ Mr. Peter Brown, E2 ▪ Mr. Tilak Raj Dua, Director General, TAIPA ▪ Mr. Eiji Ohiro, NEDO Japan ▪ Mr. Anil Kumar, President, Chlor Alkali Manf. Assoc. ▪ Mr. I V Rao, Maruti Suzuki Ltd. ▪ Mr. Aravind Bharadaj, Mahindra & Mahindra ▪ Mr. Ross Bailey, Greenlight Innovation
19:00 – 19:15 Hrs.	<u>Inauguration of Poster Session & Exhibition</u>
19:30 Hrs.	<p style="text-align: center;"><u>Dinner and Cultural Program</u></p> <p>Felicitation of Sponsors</p>

Date: Monday, 12th December, 2016

09:15 – 10:30 Hrs.	Session-I: Hydrogen Availability (Supply & Production) Moderator: Deloitte Panel Speakers: 1. Dr. B Bhargava, Director General, ONGC Energy Centre 2. Mr. Anil Kumar, President – Chlor Alkali Association 3. Mr. Tom Joseph, Bethlehem Inc. USA 4. Mr. Satish K. Kesari, Sr VP- Operations, Bhuruka Gas Limited 5. Mr. Himanshu Nautiyal, Grasim (ABG) – To confirm 6. Indian Oil Corporation Limited 7. Proton / Giner Inc.
10:30 - 10:45 Hrs.	TEA / COFFEE BREAK
10:45 – 12:00 Hrs.	Session-II: Hydrogen Storage Moderator: KPMG Panel Speakers: 1. Prof. O N Srivastava, IIT BHU 2. Mr. Jean Christophe Poussin , Hexagon USA 3. Mr. Jim Henkley, CSIRO Australia 4. Mr. Karan Bhatia, Luxfer* 5. Mr.Puneet Khurana, Director, Everest Kanto
12:00 - 13:15 Hrs.	Session-III: Mobile applications (Automotive/Material Handling) Moderator: PWC Panel Speakers: 1. Mr. Ross Bailey, CEO, Greenlight Innovations 2. Dr. D. Raja, TATA Motors 3. Mr. K K Gandhi, SIAM 4. Mr. Amlan Das, Solvay Specialty Polymers 5. Maruti Suzuki India Limited*
13:15 - 14:00 Hrs.	LUNCH BREAK

<p>14:00 - 15:15 Hrs.</p>	<p>Session-IV: Stationary and Telecom Application Moderator: Deloitte</p> <p>Panel Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Murali Arikara, Executive Director, Essential Energy 2. Mr. Rajesh Bashyam, Ballard Power System, Canada 3. Mr. Madeleine Odgaard, IRD Fuel cell, Denmark 4. Mr. Tilak Raj Dua, TAIPA 5. Mr. Hack Heyward, Nowogen International, Hongkong 6. Mr. Raghuvir Vadari RJio
<p>15:15 - 15:30 Hrs.</p>	<p style="text-align: center;">TEA / COFFEE BREAK</p>
<p>15:30 – 16:45 Hrs.</p>	<p>Session V: Hydrogen Transportation Moderator: KPMG</p> <p>Panel Speakers:</p> <ol style="list-style-type: none"> 1. Mr. Eiji Ohira, NEDO Japan 6. Mr. Jean Christophe Poussin , Hexagon USA 2. Overseas, Luxfer* 3. Mr. Ravi Subramanian, Air Products, USA 4. Essential Energy Representative 5. Mr. Shibaditya Sen, Director- Business Development, Praxair
<p>16:45 – 18:00 Hrs</p>	<p>Session VI: Regulatory and Policy Levers to Promote H2 Economy Moderator: PWC</p> <p>Panel Speakers:</p> <ol style="list-style-type: none"> 1. Dr. R K Malhotra, Director General, Petrofed 2. Mr. D K Gupta, PESO 3. Mr. Ravi Subramanian, Air Products, USA 4. Mr. Eiji Ohira, NEDO Japan 5. Mr. Arun Nemani, E2 6. Dr. S. S. Thipse, ARAI, Pune 7. Mr. Tom Joseph, Bethlehem Inc.

Date: Tuesday , 13th December 2016

09:30 – 11:00 Hrs.	Technical Session - I Chair: Mr. R Suresh , Executive Director, Indian Oil Corporation Limited Keynote: Dr. P. D Vaidya , Institute of Chemical Technology, Mumbai Speakers: 1. Rajesh Bashyam , Ballard Canada Recent Advances in Technology and PEM Fuel Cell Product Development at Ballard – Ballard Power System, Canada 2. Natarajan Venkateswaran : Development of Fuel Cell Technology – Testing and Validation - Reliance R&D Group, Reliance Industries Limited 3. Sachin Chugh Big Oil's Hydrogen and FC Future 4. Nitin Ahire High temperature planar Solid Oxide Fuel Cell (SOFC) for distributed power generation 5. V Durga Kumari Hydrogen Production activities through Steam Reforming of Methanol and Glycerol for Fuel Cell applications at Indian Institute of Chemical Technology
11:00– 11:30 Hrs.	TEA / COFFEE BREAK
11:30 – 13:00 Hrs.	Technical Session - II Chair: Mr. Ross Bailey , Greenlight Innovations, Canada Keynote: 1. Mr. Michele Boos , Magnum Speakers: 2. Shankar Chattopadhy : Hydrogen at what cost? 3. S. Paul Thermo-chemical Hydrogen Generation through Partially Open Loop S-I Cycle - Indian Institute of Petroleum and ONGC Energy Centre 4. Dr Artur J. Majewski Catalyst systems suitable for transportation applications 5. Mr. Jilikara Srinivas , Mahindra and Mahindra Limited (M&M) Development of Hydrogen Fuelled Vehicle for Transport Application
13:00 Hrs.	Vote of Thanks & Awards to Poster Presenters
13:15 Hrs.	Conference Ends with Lunch