Indo-German International Conference on Metrology for the Deployment of Green Hydrogen and Renewable Fuels in India

4th - 6th April, 2022 | Virtual Event

Time CEST	IST			Monday (04.04.2022)		Time CEST	IST		Tuesday (05.04.2022)	
08:30	12:00	INAUGURAL	Theme	Inaugural Ceremony & Welcome						
			Moderator	Ms. Dorothea Fabeck						
			Presenter	Prof. Dr. Ravi Fernandes / Prof. Dr.-Ing. Detlev Markus/ Dr. Fraddry D'Souza						
			Affiliation	PTB / TERI						
09:00	12:30	KEY ADDRESS	Theme	Policy & Awareness		09:00	12:30	KEYNOTE	Chemical Conversion	
			Chair Person (s)	Prof. Dr. Ravi Fernandes / Ms. Shalita Dourado					Prof. Selvarajan Nagendran / Dr.Pranay Morajkar	
			Presenter	Dr. Arun Kumar Tripathi					Dr. Chinnakonda S. Gopinath	
			Affiliation	Ministry of New & Renewable Energy (MNRE), India					NCL, Pune, India	
09:45	13:15	KEYNOTE	Theme	Policy & Awareness		09:45	13:15	KEYNOTE	Hydrogen and Renewable Fuels	
			Chair Person (s)	Prof. Dr. Ravi Fernandes / Ms. Shalita Dourado					Dr.-Ing. Om Prakash Bhardwaj	
			Presenter	Mr. Girish Sethi					Prof. K.A Subramanian	
			Affiliation	The Energy and Resources Institute (TERI), India					IIT Delhi, India	
10:30	14:00	(15 mins) Tea/Coffee Break with Break out rooms for discussion				10:30	14:00	(15 mins) Tea/Coffee Break with Break out rooms for discussion		
10:45	14:15	PLENARY	Theme	Production & Storage	Wind & Solar	10:45	14:15	PLENARY	Chemical Conversion	Application & Utilization
			Chair Person (s)	Dr. S Nagendran/Dr. G.L. Manjunath	Mr. Goutam Samanta				Prof. Sreedevi Upadhyayula / Dr.Pranay Morajkar	Dr. Srinivas Padala
			Presenter	Prof. Sreedevi Upadhyayula	Dr. Jai Prakash Singh				Prof. Ranga Rao	Prof. Shawn Kook
			Affiliation	IIT Delhi, India	NISE, India				IIT Madras, India	University of New South Wales
11:30	15:00	RESEARCH TOPIC	Theme	Production & Storage	Wind & Solar	11:30	15:00	RESEARCH TOPIC	Chemical Conversion	Application & Utilization
			Chair Person (s)	Dr. S Nagendran/Dr. G.L. Manjunath	Mr. Goutam Samanta				Prof. Sreedevi Upadhyayula / Dr.Pranay Morajkar	Dr. Anand Krishnasamy
			Presenter	Dr. Mihir Kumar Das	Dr. Adela / Mr. Münch				Prof. Deepa Khushalani	Prof. Sudarshan Kumar
			Affiliation	IIT Bhubaneshwar, India	IASS Potsdam & TU-Berlin				TIFR, India	IIT Bombay, India
12:00	15:30	RESEARCH TOPIC	Theme	Production & Storage	Wind & Solar	12:00	15:30	RESEARCH TOPIC	Chemical Conversion	Application & Utilization
			Chair Person (s)	Dr. S Nagendran/Dr. G.L. Manjunath	Mr. Goutam Samanta				Prof. Sreedevi Upadhyayula / Dr.Pranay Morajkar	Dr. Srinivas Padala
			Presenter	Dr. Biranchi Panda	Mr.Asier Ukar				Dr. Bharath Govindan	Dr. Agustin Valera-Medina
			Affiliation	IIT Guwahati, India	Photovoltaik-Institut Berlin AG				Khalifa University, U.A.E	Cardiff University, UK
12:30	16:00	RESEARCH TOPIC	Theme	Production & Storage	Wind & Solar	12:30	16:00	RESEARCH TOPIC	Break out Rooms	Application & Utilization
			Chair Person (s)	Dr. S Nagendran/ Dr. G.L. Manjunath	Mr. Goutam Samanta					Dr. Anand Krishnasamy
			Presenter	Prof. Theodore T. Tsotsis	Mr. Niels Ferdinand					Dr. Asish Kumar Sarangi
			Affiliation	University of Southern California, USA	Int. Project Consultant- PTB					IIT Bombay, India
13:00	16:30	(1 hour) Lunch with Break out rooms for discussion				13:00	16:30	(1 hour) Lunch with Break out rooms for discussion		
14:00	17:30	KEYNOTE	Theme	Policy & Awareness		14:00	17:30	KEYNOTE	Hydrogen and Renewable Fuels	
			Chair Person (s)	Prof. Dr. Ravi Fernandes					Dr. Anand Krishnasamy	
			Presenter	Dr. Dinh Du Tran					Prof. Rolf Reitz	
			Affiliation	DECHEMA e.V., Germany					University of Wisconsin-Madison, USA	
14:45	18:15	PLENARY	Theme	Safety & Regulations	Metrology & Standards	14:45	18:15	PLENARY	Fundamental Research	Application & Utilization
			Chair Person (s)	Prof. Dr.-Ing. Detlev Markus	Dr. Qu / Dr. Aggarwal				Ms. Nadiri / Dr. Sadanandan	Prof. Niranjan Sahoo
			Presenter	Prof. Hurtado/Dr.-Ing. Zedler	Dr. Arul Murugan				Prof. Dr. Ulrich Maas	Prof. Dr. Liguang Li
			Affiliation	TU Dresden, Germany	NPL, UK				KIT, Germany	Tongji University, China
15:30	19:00			Coffee Break and Break out room for different Themes		15:30	19:00		Coffee Break and Break out room for different Themes	
15:45	19:15	PLENARY	Theme	Safety & Regulations	Metrology & Standards	15:45	19:15	RESEARCH TOPIC	Fundamental Research	Application & Utilization
			Chair Person (s)	Prof. Dr.-Ing. Detlev Markus	Dr. Qu / Dr. Aggarwal				Ms. Nadiri / Dr. Sadanandan	Prof. Niranjan Sahoo
			Presenter	Prof. Dr. Ulrich Krause	Dr. Michael Maiwald				Prof. Dr. Kai Leonhard	Dr. S. Pandian
			Affiliation	University of Magdeburg, Germany	BAM, Germany				RWTH Aachen, Germany	IIT Madras, India
16:30	20:00	RESEARCH TOPIC	Theme	Safety & Standards	REVIEW-H2 ACTIVITY IN PTB	16:15	19:45	RESEARCH TOPIC	Fundamental Research	REVIEW - DFG CLUSTER OF EXCELLENCE
			Chair Person (s)	Prof. Dr.-Ing. Detlev Markus	Dr. Qu / Dr. Aggarwal				Ms. Nadiri / Dr. Sadanandan	Prof. Niranjan Sahoo
			Presenter	Prof. Dr. Uwe Klausmeyer	Dr. Fabian Plag				Prof. Rajakumar Balla	Dr. Doris Pester
			Affiliation	NORMETIC, Turkey	PTB Germany				IIT - Madras, India	SE2A Excellence Cluster - TUB
17:00	20:30	End of the Day				16:45	20:15	End of the Day		

Time CEST	IST		Wednesday (06.04.2022)		
			Industry - I	Industry - II	Online Poster
09:00	12:30	INDUSTRY	Dr.-Ing. Om Prakash Bhardwaj	Prof. Dr. Ravi Fernandes	Session - I
			Dr. R.K. Malhotra	Dr. Dheeban Chakravarti Kannan	
			Hydrogen Association of India, India	TERI, India	
09:30	13:00	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Om Prakash Bhardwaj	Prof. Dr. Ravi Fernandes	
			Dr. Vipin Dhyani	Dr. Dhivakar Govindarajan	
			HPCL, India	Samudhyoga Waste Chakra Pvt. Ltd., India	
10:00	13:30	INDUSTRY	Industry - I	Industry - II	
			Dr. Anand Krishnasamy	Prof. Dr. Ravi Fernandes	
			Dr. Sunil Kumar Pandey	Mr. Goutam Samanta	
			Ashok Leyland, India	Juniper Green Energy, India	
10:30	14:00	(30 mins) Tea/Coffee Break with Break out rooms for discussion			
11:00	14:30	INDUSTRY	Industry - I	Industry - II	Session - II
			Dr. Anand Krishnasamy	Mr. Goutam Samanta	
			Dr. N Saravanan	Ms. Charu Sharma	
			Mahindra & Mahindra, India	Sembcorp Green Infra Ltd., India	
11:30	15:00	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Om Prakash Bhardwaj	Mr. Goutam Samanta	
			Dr. Daniel Chatterjee	Mr. Srinivas Popuri	
			Rolls-Royce Solutions GmbH, Germany	Greenko Group, India	
12:00	15:30	INDUSTRY	Industry - I	Industry - II	
			Dr. Rajesh Sadanandan	Mr. Goutam Samanta	
			Dr. B. Chellaturai	Dr. -Ing. Bo Shu	
			ISRO, India	PTB, Germany	
12:30	16:00	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Om Prakash Bhardwaj	Dr. Zhechao Qu	
			Mr. Chandan Sawhney	Dr. Sergio Oliveira	
			Tata Motors, India	INMETRO, Brazil	
13:00	16:30	(1 hour) Lunch with Break out rooms for discussion			
14:00	17:30	INDUSTRY	Industry - I	Industry - II	Chat Room for Participants
			Dr.-Ing. Ramalingam / Dr.-Ing. Shu	Dr.-Ing. Agarwal / Dr. Moshammer	
			Mr. Daniel Erdmann	Dr. Philipp Walter	
			VDMA Power2X4A, Germany	Heraeus GmbH & Co. KG	
14:30	18:00	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Ramalingam / Dr.-Ing. Shu	Prof. Dr.-Ing. Detlev Markus	
			Dr. Reza Rezaei	Prof. Dr.-Ing.Thorsten Arnhold	
			IAV, Germany	R. STAHL, Germany	
			Coffee Break and Break out room for different Themes		
15:00	18:30	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Ramalingam / Dr.-Ing. Shu	Dr.-Ing. Agarwal / Dr. Moshammer	
			Dr. Lukas Virnich	Dr. Klaus Lucka,	
			FEV, Europe GmbH	Tec4Fuel GmbH, Germany	
15:45	19:15	INDUSTRY	Industry - I	Industry - II	
			Dr.-Ing. Ramalingam / Dr.-Ing. Shu	Dr.-Ing. Agarwal / Dr. Moshammer	
			Mr. Reetu Sallinen	Dipl.-Ig. Bastian Lehrheuer	
			NESTE Corporation, Finland	RWTH Aachen University, Germany	
16:15	19:45		Valedictory Function		
17:00	20:30		End of the Day+A23:A1:R63		