



Workshop Series: Electric Vehicles and Energy Storage Systems Battery Fire Safety

Topic: Charging Infrastructure and Challenges for EV and ESS Charging

Date: Thursday, March 10, 2022

Time: 06:30 pm – 08:30 pm IST (07:00 am - 09:00 am U.S. Central Time) | (02:00 pm - 04:00 pm CET)

Session Titles	Time	Speakers
Opening & Introduction	06:30 pm - 06:35 pm IST (7:00 am - 7:05 am U.S. CT) (2:00 pm - 2:05 pm CET)	Dr. Judy Jeevarajan Vice President and Executive Director, Research Electrochemical Safety Research Institute, Underwriters Laboratories Inc.
	06:35 pm - 06:40 pm IST (7:05 am - 7:10 am U.S. CT) (2:05 pm - 2:10 pm CET)	Dr. D. K. Shami Fire Advisor, Fire Services, Ministry of Home Affairs, Government of India
Fire risks during battery charging	06:40 pm - 06:50 pm IST (7:10 am - 7:20 am U.S. CT) (2:10 pm - 2:20 pm CET)	Mr. Kartikey Hariyani Founder & CEO Charge+Zone
Challenges during battery swapping process	06:50 pm - 07:00 pm IST (7:20 am - 7:30 am U.S. CT) (2:20 pm - 2:30 pm CET)	Mr. Priyank Agarwal Vice President Exicom Power Solutions
Standards for fire fighters to deal with EV battery fires	07:00 pm - 07:10 pm IST (7:30 am - 7:40 am U.S. CT) (2:30 pm - 2:40 pm CET)	Mr. Kurt Vollmacher Fire Fighter/Independent Expert New Energies Belgium
Role of fire services	07:10 pm - 07:20 pm IST (7:40 am - 7:50 am U.S. CT) (2:40 pm - 2:50 pm CET)	Mr. S. Gopa Kumar Managing Director Cape Electric Pvt. Ltd.
	07:20 pm - 07:30 pm IST (7:50 am - 8:00 am U.S. CT) (2:50 pm - 3:00 pm CET)	Dr. Anant R. Sontake Dy. Chief Fire Officer SAIL, Bhilai
Importance of accurate BMS data during charger failures	07:30 pm - 07:40 pm IST (8:00 am - 8:10 am U.S. CT) (3:00 pm - 3:10 pm CET)	Mr. Eric Rask Director - EV Systems Engineering Illinois Tool Works (ITW) Automotive
Minimum characteristics required for EV chargers	07:40 pm - 07:50 pm IST (8:10 am - 8:20 am U.S. CT) (3:10 pm - 3:20 pm CET)	Dr. Judy Jeevarajan Vice President and Executive Director, Research Electrochemical Safety Research Institute, Underwriters Laboratories Inc.
Discussion/Q&A	07:50 pm - 08:20 pm IST (8:20 am - 8:50 am U.S. CT) (3:20 pm - 3:50 pm CET)	Panel
Closing Remarks & Acknowledgements	08:20 pm - 08:25 pm IST (8:50 am - 8:55 am U.S. CT) (3:50 pm - 3:55 pm CET)	Dr. Goutham Kumar Nadakuditi Assistant Professor, National Fire Service College (NFSC)
	08:25 pm - 08:30 pm IST (8:55 am - 9:00 am U.S. CT) (3:55 pm - 4:00 pm CET)	Dr. Judy Jeevarajan Vice President and Executive Director, Research Electrochemical Safety Research Institute, Underwriters Laboratories Inc.