

IEA H2 European Workshop
Hydrogen Safety: Prospects for Hydrogen Technologies & Applications
Hamburg, Germany
11:30-17:00

Time	Presentation Topic	Speakers and Affiliation
11:30-11:40	Introduction and opening remarks	Jan Jensen Former Chair, IEA Hydrogen
11:40-11:50	IEA H2 Overview	Mary-Rose de Valladares IEA Hydrogen General Manager
11:50-12:15	IEA Task 37 Overview	John Khalil IEA H2 Operating Agent, Task 37
12:15-12:40	Safety of Hydrogen in the Energy System	Stuart Hawksworth HSE, Buxton, UK
12:40-13:00	Recent advances in hydrogen safety research at Ulster – Part I	Vladimir Molkov University of Ulster, UK
LUNCH 13:00-13:45	Lunchtime speaker – Ulster Part II 13:15-13:30	
13:45-14:10	The new version of the Hydrogen Incident Accident Database (HIAD)	Daniele MELIDEO JRC Directorate C – Energy, Transport and Climate Energy Storage Unit
14:10-14:35	DTU- Current work related to hydrogen safety in infrastructures	Frank Market DTU
14:40-14:55	Numerical modelling of vented lean hydrogen–air deflagrations using HyFOAM	Vendra C. Madhav Rao & Jennifer X. Wen, Warwick University, UK
14:55-15:10	Evaluation of engineering models for vented lean hydrogen deflagrations	Anubhav Sinha, Vendra Chandra and Jennifer X. Wen Warwick University, UK
15:10-15:20	Break	
15:20-15:45	Flame propagation (deflagration, DDT, and detonation) in hydrogen-air.	Knut Vågsæther USN, Norway
15:45-16:10	Prospects for improved consequence modelling and risk management for hydrogen applications	Trygve Skjold Gexcon AS, Norway
16:10-16:50	What are the main challenges to mass adoption of hydrogen-based technologies and how do we address them?	Panel Discussion Thomas Jordan: at KIT's Perspective John Khalil: Panel Moderator
16:50-17:00	Closing	John Khalil

