



PHASE

Pressurized Hydrogen and Storage Equipment

15/16 May 2018 – Tours, FRANCE

Tuesday 15 May 2018		
9:00	Registration and coffee	
10:00	Axel Seifert (Plastic Omnium)	Welcome
10:15	Stéphane Villalonga (CEA)	"15 Years of Research and Development of CPV's for H ₂ storage"
10:45	Geert Nouwen (Plastic Omnium)	"Upscaling CNG to H ₂ CPVs"
11:15	Andrew Mafeld (Connectra)	"Hydrogen Fuel Cell Technology: A Market Perspective"
11:45	Carlos Funez (Centro Nacional Del Hidrógeno)	"CPV's in Hydrogen Refuelling Stations"
12:15	Lunch Break	
13:45	Craig Schiffman (TCR)	"Fundamentals of Filament Winding with Towpregs"
14:15	Matthieu Raymond - Hervé Mathis (CEA)	"Design Approach for 700 bar H ₂ CPVs"
14:45	Jérôme Fortineau (INSA CVL)	"Liner Control"
15:15	Coffee Break	
15:45	Laurent Maurin (CEA)	"Optical Fibre Distributed Strain Measurements for H ₂ CPV: Damage Assessment"
16:15	Benoit Courtemanche (CETIM)	"Benefits of Thermoplastic vs. Thermoset Composite Pressure Vessels"
16:45	Patrick Schulte (Maximator)	"Maximator's Alternative Fuel Activities"
17:15	Stéphane Villalonga (CEA)	PHASE Convention Day 1 Closure
17:20	Networking break	
18:00	Networking reception with dinner buffet	

Wednesday 16 May 2018		
9:00	Axel Seifert (Plastic Omnium)	Welcome
9:15	Eric Deparis (Plastic Omnium)	"CPV's for FCEV's"
9:45	Emmanuel Flouvat (MFTech)	"Filament Winding Robot"
10:15	Coffee Break	
10:45	Jacques Renard (Ecole des Mines de Paris)	"Probabilistic Approach for CPVs"
11:15	Pawel Gasior (WUT)	"Safe H ₂ CPV's: SHM and Testing"
11:45	Benjamin Benz (Olin)	"Epoxy Resin Enhancement for Better CPV's"
12:15	Lunch Break	
13:45	Pierre Blanc-Vannet (AL)	"User-related challenges of composite pressure vessels for hydrogen storage"
14:15	Amélie Baron (Raigi)	"The HiPhone Project"
14:45	Klaus Ritter (FW Engineering)	"TOW PREPREG for H ₂ applications. Impact and Cost Versus Wet Winding"
15:15	David Koester (University of Alaska Fairbanks)	"H ₂ in the Energy Transition: History, Hype, Discourse and Vision"
15:45	Coffee Break	
16:15	Stéphane Villalonga (CEA)	PHASE Convention closure

*Program subject to change without notice