

# SCHEDULE - DAY ONE

October 17, 2023 | All times listed in CEST

09:00	Registration Opens + Welcome Coffee
09:50	WELCOME   Rainer Rothbauer   <i>Convergent Science</i>
10:00	PUNCH H2 ICE Experience on Mixing and Combustion on PFI and DI Engine Vincenzo Pezza, Francesco Accurso   <i>PUNCH Torino S.p.A.</i>
10:30	CFD Supporting H2 Engine Combustion System Development Olivier Laget   <i>IFP Energies nouvelles</i>
11:00	A Virtual Workflow for Performance Prediction and Optimization of H2-Fueled Internal Combustion Engines Andrea Bianco   <i>POWERTECH Engineering S.r.l.</i>
11:30	CAE Capability Applied to Hydrogen Fuel Cell Product Development Novid Beheshti   <i>Intelligent Energy</i>
12:00	Networking Lunch
13:00	Refining a Detailed Chemical Kinetic Mechanism for Hydrogen Combustion Henry Curan   <i>University of Galway</i>
13:30	Numerical Analysis of the Injection and Mixture Formation Processes in a Small Displacement DI H2-ICE Andrea Scalambro   <i>Politecnico di Torino</i>
14:00	CFD-driven Hydrogen HPDI Engine Development Rafiq Babayev   <i>Volvo Group Trucks Technology</i>
14:30	Effect of Prechamber on Low Load Efficiency of Hydrogen Combustion Engine Stepan Kyjovski   <i>Gamma Technologies - SPONSOR</i>
15:00	Networking Break
15:20	Modelling H2 Combustion in IC Engines With CONVERGE Matteo Fiaschi   <i>Convergent Science</i>
15:50	CFD Modelling for H2-DDT with CONVERGE Praveen Ramanujam Balakrishnan   <i>Convergent Science</i>
16:20	CFD Modelling of Hydrogen Tank Filling and Defuelling with CONVERGE Efe Kinaci   <i>Convergent Science</i>
16:50	Closing Remarks Day 1 Kelly Senecal   <i>Convergent Science</i>
17:00	Visit Punch - Group 1
18:00	Visit Punch - Group 2
20:00	Networking Dinner

# SCHEDULE - DAY TWO

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08:15	<b>Registration</b>
09:00	<b>Opening Remarks</b> Federico Millo   <i>Politecnico di Torino</i>
09:10	<b>Welcome - Piedmont Regional Minister</b> Matteo Marnati
09:20	<b>From H2O to H2ICE: An Alternative (Fuel) Solution</b> Kelly Senecal   <i>Convergent Science</i>
10:00	<b>Advanced Catalyst Development for H2 ICE</b> Chris Bitsis   <i>Southwest Research Institute</i>
10:30	<b>H2 ICE Technologies for Heavy Duty Applications</b> Nicola Rapetto   <i>FPT Industrial S.P.A</i>
11:00	<b>Networking break</b>
11:30	<b>Challenges in Developing a H2 ICE for Sport Cars Application</b> Massimo Medda   <i>Ferrari GT</i>
12:00	<b>Racing for clean mobility - exploring high output hydrogen ICE at Alpine</b> Pierre Jean Tardy   <i>Alpine Racing</i>
12:30	<b>Emotion for High Performance Vehicle - BEG H2 Engine Development and Demonstrator</b> Stanislas Piraudeau   <i>Bosch Engineering GmbH</i>
13:00	<b>Networking lunch</b>
14:00	<b>Development of Jet Caps for LP-DI Hydrogen Combustion on Medium-Duty Commercial Vehicle Engines</b> Michael Riess   <i>IAV GmbH</i>
14:30	<b>High Efficiency Hydrogen Combustion using Westport Fuel Systems' HPDI Technology</b> David Mumford   <i>Westport Fuel Systems Canada Inc.</i>
15:00	<b>A Global Approach Dedicated to the Understanding, the Development and the Optimization of Hydrogen ICE</b> Olivier Laget   <i>IFP Energies nouvelles</i>
15:30	<b>Networking break</b>
16:00	<b>FEV's Perspective on H2-fuelled Current and Future ICEs</b> Fabio Mallamo   <i>FEV Italia s.r.l</i>
16:30	<b>H2 ICE Solutions for Various Vehicle Applications</b> Franz Leitner   <i>AVL Italia S.r.l.</i>
17:00	<b>Punch View on H2-ICE for Sustainable Mobility</b> Roberto Golisano   <i>PUNCH Hydrocells</i>
17:30	<b>Closing Remarks</b> Federico Millo   <i>Politecnico di Torino</i>
17:40	<b>Visit Punch - Group 1</b>
18:40	<b>Visit Punch - Group 2</b>