



Written on 05 June 2023



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Events

Innovation and Industry

Sustainable mobility

Electrified Mobility

Batteries

Environmental Analysis of Transport

IC powertrains



14 - 15 June 2023

From June 14th to 15th, the 35th edition of the SIA Powertrain Congress will take place in Port-Marly. As the automotive industry reinvents itself to support the energy transition, the focus is on recent developments in low-carbon mobility technologies, starting with those of IFPEN and its CARNOT IFPEN Transports Energie.

In response to the increasing decarbonization of transportation, IFPEN has concentrated on various components of the powertrain. Its objective? **To promote "zero-emission mobility" and develop high-energy efficiency technologies.**

Therefore, IFPEN's place is at SIA Powertrain! Our teams will have a booth there to showcase **our solutions in the field of low-carbon mobility.**

Join us at booth 26 to discover these solutions: hydrogen-powered fuel cell control systems for electrified vehicles, development of internal combustion engines using hydrogen as fuel, next-generation electric machine development, as well as battery modeling and simulation

>> IFPEN's solutions for: [batteries](#) / [electrified mobility](#) / [hydrogen mobility](#)

Visitors will also have the opportunity to explore the hydrogen solutions developed at IFPEN and the research conducted on battery thermal runaway.

On June 14th at 2:30 PM, don't miss Baptiste Chareyron's conference on electric machines: "Innovative rotor shape for electrical machine in a recycling-oriented value chain."

On June 15th at 8 AM, it will be Stéphane Chevillard's turn to provide an update on battery simulation in a conference titled: "Simulation of thermal runaway propagation in a Li-ion battery pack using 0D and 3D approaches."

Finally, **representatives from the sustainable mobility field at IFP Training**, as well as **teachers and students from the Powertrains and sustainable mobility program at IFP School**, will share their expertise, closely following the latest mobility innovations.

Don't miss out on the rendez-vous for tomorrow's mobility!

YOU MAY ALSO BE INTERESTED IN

[Cambridge GaN Devices and IFPEN sign automotive inverter development deal](#)

[IFPEN is banking on hydrogen mobility](#)

[Hydrogen mobility: IFPEN installs the most powerful fuel-cell test bench in France](#)

[IFPEN at SIA Powertrain 2023: concentrated expertise for low-carbon mobility](#)

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