





Written on 05 June 2023 3 minutes of reading  
Events

- Innovation and Industry
- Sustainable mobility
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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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