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Events

Innovation and Industry

Sustainable mobility | Electrified Mobility | Batteries | Environmental Analysis of Transport

19 - 20 June 2024

From June 19 to 20 in Lille, the SIA Powertrain congress will bring together players from the automotive industry to explore avenues for more sustainable mobility. IFPEN and its Carnot IFPEN Transports Energie will be present at stand 58 to present their innovations in decarbonization and digitalization of transport.

IFPEN, a committed player in the decarbonization of transport

IFPEN and its Carnot IFPEN Transports Energie are conducting research to decarbonize propulsion systems and reduce the environmental impact of transport. Their work focuses on several areas:

- **Electric Machines and associated power electronics:** For high-efficiency and environmentally-friendly electric propulsion through eco-design
- **Batteries:** For increased range of electric vehicles and a projection towards future generations of battery materials
- **Hydrogen mobility:** Thanks to combustion systems allowing to maximize efficiency and achieve near-zero nitrogen oxide emissions

Digital technology for sustainable mobility

IFPEN is not limited to technological research. Its teams are also developing digital tools to help public decision-makers implement sustainable mobility policies. These tools can be used to:

- Simulate the impact of different transport policies on the environment and air quality
- Optimize transport flows to reduce greenhouse gas emissions
- Inform citizens about the sustainable mobility options available

Meet IFPEN's experts at SIA Powertrain

The SIA Powertrain congress is an opportunity for IFPEN to present its latest innovations and meet players in the automotive industry. **Visit stand 58 to discuss with IFPEN researchers** on the topics of hydrogen mobility, electric machines and batteries.

You can also **discover our innovations through the engine parts** that we will exhibit on the stand (inverters, batteries, engine model, etc.)

Finally, **speakers from IFP Training and the IFP School** will come to present their continuing and qualifying training offers.

> More information on this event

SIA POWERTRAIN 2024 : discover IFPEN’s low-carbon solutions for mobility
03 May 2024

Link to the web page :