



June 12-13 - Politecnico di Torino

Parallel Session

## Aero & Rolling Resistance Reduction and Lightweighting Designs

- Improving aerodynamic efficiency of EV trailers using advanced CFD optimization methods, **P. Geremia** - **ENGYS SRL**
- The new Porsche Taycan: Advanced Aero Wheel Strategy, **F. Cogotti** - **Dr Ing. hcf Porsche AG**
- Aerodynamics' Influence on Performance in Human-Powered Vehicles for Sustainable Transportation, **A. Di Gesù** - **Politecnico di Torino (Paper#2024-37-0028)**
- Lightweight construction enabled by measurement of forces and moments at the wheels, **G. Mastinu** - **Politecnico di Milano**
- Towards the Design-driven Carbon Footprint reduction of Composite Aerospace and Automotive components: An overview, **E. Dalpadulo** - **Università di Modena e Reggio Emilia (Paper#2024-37-0032)**