



June 12-13 - Politecnico di Torino

Parallel Session - New Powertrain Developments

- CFD modeling of advanced combustion modes for free-piston linear generators, **T. Lucchini - Politecnico di Milano**
- The Key Factors of Innovative Diesel Combustion Systems for Achieving Future Emissions and High Efficiency, **G. Belgiorno - PUNCH Torino SpA**
- Experimental Assessment of Additive-Manufactured Ducted Fuel Injection Combustion System for Medium-Duty Diesel Engine Achieving Ultra-Low Emissions, **G. Belgiorno - PUNCH Torino SpA**
- Towards carbon-free ICEs: premixed ammonia ignited with an active pre-chamber and the recuperated split-cycle concept, **L. Sforza - Politecnico di Milano**
- Lubricating Oil Effects on the Performance of an Automotive Turbocharger Turbine in Pulsating Flow: An Experimental Investigation, **S. Marelli - Università degli Studi di Genova**
- Numerical investigation of the mixing and combustion process on passive prechamber systems for high-speed large bore gas engines, **M. Zanatta - Politecnico di Torino**
- Numerical assessment of a hydrogen HPDI combustion system, **G. Quattrone - Politecnico di Torino**
- The PHOENICE Project: an Innovative Lean-Burn High Efficiency Spark Ignition Engine Concept, **F. Millo - Politecnico di Torino**