

Special Issue

Refrigerated Transport Vehicles

Message from the Guest Editor

The reduction of the carbon footprint and the improvement of the air quality in urban and sub-urban areas are amongst the main challenges of the logistic sector. In this scenario, refrigerated transport occupies a unique position. On one side, the reduction of the pollutant is forcing the optimization and the redesign of the trucks fuels, engines, drivelines and power management. On the other hand, regulations and protocols aiming at reducing the direct impact of refrigerant emissions in the atmosphere the F-gas regulation are stimulating a deep revision of heating and cooling systems, which will finally also innovate the transport sector. A holistic approach seems to be required to develop integrated solutions able to face these challenges in an organic way and improve the overall performance of these special vehicles.

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