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Advances of Low Carbon Internal Combustion Engine Technologies for Vehicles

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Message from the Guest Editors

Concerns around climate change have led to promises from various countries around the globe to reach to 'net zero' CO₂ emissions in the next few decades. A large number of new trends have emerged in the area of low carbon energy production and utilization. More and more solar power plants, wind power plants, electric charging ports, and electric vehicles can be observed around us. However, due to the low energy density and long charging time of batteries, battery electric vehicles are limited in range and type of use. The use of low-carbon or zero-carbon internal combustion engines is necessary and will exist for many decades.

As automotive engineers, to reduce CO₂ emissions from the transport sector, it is our responsibility to shift the current internal combustion engines to high-efficiency and low-carbon powertrain systems. Therefore, we would like to invite you to contribute to this Special Issue on 'Advances in Low-Carbon Internal Combustion Engine Technologies for Vehicles'.



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Special Issue



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Message from the Editor-in-Chief

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