



Automotive Tribology

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 December 2018)

Message from the Guest Editor

Dear Colleagues,

The current Special Issue of *Lubricants* is aimed at the latest developments concerning frictional mechanisms, material behavior in brakes and clutch facings, gearbox optimization, novel lubricants, and all the technical innovations linked to tribological progress in the fascinating automotive world. Potential topics include, but are not limited to:

- Vehicle Fuel Economy
- High Efficiency Engines
- Powertrain efficiency and vibration
- Internal Combustion Engine friction
- Wear processes in automotive systems
- Clutch frictional response
- Tire-road friction
- Braking systems
- Bearings and valve train
- Vehicle noise and vibration issues
- Tribodynamics of engine and powertrain
- Novel automotive materials for enhanced frictional performances
- Innovative lubricants
- Optimised textured surfaces
- Laboratory and field testing methods
- Vehicle dynamics
- Automatic, automated and CVT transmissions



mdpi.com/si/16476

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