



## Automotive Tribology

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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



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Prof. Dr. Adolfo Senatore

*Guest Editor*

# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants*.

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