



Direct Injection Reciprocating Internal Combustion Engines

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Deadline for manuscript submissions:

closed (15 June 2019)

Message from the Guest Editors

Reciprocating Internal Combustion Engines (RICEs) have been intensively developed over the last 140 years. As a consequence, they are the most robust and efficient machines to cover ground and marine transport demands. Road transport and off-road power needs will continue being successfully satisfied by this type of thermos–fluid machines in the short to mid-term, since alternatives are still very immature to effectively protect the environment and deal with global warming, also offering the performance expected by potential customers. Scientific and technically-advanced works, highlighting any of previous topics surrounding RICEs, are welcome.

Keywords

- Advanced concepts for reciprocating internal combustion engines RICEs
- Fuel injection and combustion processes in compression ignition and spark ignition RICEs
- Air management and thermal management of RICEs
- Turbocharging and supercharging of RICEs
- RICEs pollutant emissions formation and their abatement
- NVH of RICEs
- RICEs lubrication and lubricants
- RICEs architectures, hybridization and their control





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Message from the Editor-in-Chief

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