

## Special Issue

# Internal Combustion Engines (ICE) for Ground Transport

### Message from the Guest Editor

Internal Combustion Engines (ICEs) are the main propulsion systems for ground transport, both in on-road and off-road applications. This Special Issue highly welcomes scientific and technically advanced works highlighting any of previous topics surrounding ICEs. In this current context, a Special Issue to address the silent revolution that researchers worldwide are casting around a more than 140-year-old machine, which is younger than ever, is very appropriate. Our topics of interest include, but are not limited to:

- \* Advanced concepts for reciprocating and rotative ICE
- \* Fuel injection and combustion process of compression ignition and spark ignition ICE
- \* Air management and thermal management of ICE
- \* Turbocharging and supercharging of ICE
- \* ICE pollutant emissions formation and abatement
- \* NVH of ICE
- \* ICEs lubrication and lubricants
- \* ICE architectures, hybridization and their control

---

### Guest Editor

Prof. Dr. Jose Ramon Serrano

CMT-Clean Mobility & Thermofluids, Universitat Politècnica de València, 6D-UPV, Camí de Vera, S/N, 46022 Valencia, Spain

---

### Deadline for manuscript submissions

closed (31 January 2017)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/7181](https://mdpi.com/si/7181)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[applsci](https://mdpi.com/journal/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )