



an Open Access Journal by MDPI

## Micro Power Technologies for Air and Space Vehicles

Guest Editors:

**Dr. Maria Grazia De Giorgi**

Department of Engineering for  
Innovation, University of Salento,  
Via per Monteroni, 73100 Lecce,  
Italy

**Prof. Dr. Manish Jugroot**

Department of Mechanical and  
Aerospace Engineering, Royal  
Military College of Canada, PO  
Box 17000, Station Forces  
Kingston, Kingston, ON, Canada

**Dr. Pénélope Leyland**

SCI-STI-PO, EPFL, Station 9, Ecole  
Polytechnique Fédérale de  
Lausanne (EPFL), CH-1015  
Lausanne, Switzerland

Deadline for manuscript  
submissions:

**closed (20 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Micro power technology has great potential to be enabled in space propulsion systems, i.e., in primary propulsion as well as precision pointing and orbital maneuvering. Moreover, micro power systems enable sensors and actuators, which can be easily integrated to form intelligent onboard systems for both micro unmanned air vehicles and small satellite platforms. These advancements are the result of significant experimental and modeling efforts, as well as technology demonstration missions. This Special Issue aims to seek the high-quality papers from academics and industry-related researchers in the areas of power technology at the micro scale for propulsion systems applied to air and space vehicles.

Prof. Dr. Maria Grazia De Giorgi

Prof. Dr. Manish Jugroot

Dr. Pénélope Leyland

*Guest Editors*



[mdpi.com/si/62769](https://mdpi.com/si/62769)



an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)