



## Contactless Technology in the Pandemic and Beyond

Guest Editor:

**Prof. Dr. Mohammed N. Islam**

Department of Electrical &  
Computer Engineering and  
Biomedical Engineering,  
University of Michigan, Ann  
Arbor, MI 48109, USA

Deadline for manuscript  
submissions:

**closed (31 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

Please consider contributing to a Special Issue of the *Journal of Applied Sciences*, **“Contactless Technology in the Pandemic and Beyond”**. The goal of this Special Issue is to highlight recent developments in contactless technology, particularly related to healthcare and physiological parameter measurements. With the COVID-19 pandemic, the need for wearing masks, social distancing, contact tracing, rapid testing, and disinfecting surfaces have become much more important. In addition, people have become much more sensitive to early detection of ailments, including COVID-19, influenza, and other respiratory ailments. These trends have provided a major opportunity for scientists and engineers to help society by creating contactless technologies that can be used in these pandemic days and beyond. Examples of technologies include, but are not limited to, vital sign monitoring at stand-off distances, contact-free facility and building entrance screening devices, palm authentication or face authentication systems that work even with people wearing masks, and ultraviolet and other light sources for surface sterilization.

Prof. Mohammed N. Islam





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](#)