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## **Towards a New Era for Smart Manufacturing**

Guest Editors:

**Dr. Marcos de Sales Guerra  
Tsuzuki**

**Dr. Yuval Cohen**

**Dr. Ahmad Barari**

Deadline for manuscript  
submissions:  
**closed (31 January 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

The authors from the conference IFAC IMS 2022, held in Telaviv, Israel, are invited to submit an expanded version of their papers to *Machines*. The selected papers are related to the industrial applications discussed in several major topics of the conference, including: life support systems, robotics and mechatronics, Industry 4.0, Internet of Things, additive manufacturing, ultrasound techniques, electrical machines and drives, electric vehicles, autonomous vehicles and drones, industrial lightning, deep learning, machine learning, intelligent support systems, smart quality assurance, augmented reality, vision systems, Big Data analytics, fusion of sensor information, digital twins, and so on.



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# **Special Issue**



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## **Message from the Editor-in-Chief**

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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