



Modeling and Algorithms for Innovative Sustainable Manufacturing Modes (MASM)

Guest Editors:

Prof. Dr. Antoni Świć

Faculty of Mechanical
Engineering, Department of
Production Computerisation and
Robotisation, Lublin University of
Technology, Nadbystrzycka 38 D,
20-618 Lublin, Poland

a.swic@pollub.pl

**Prof. Dr. Justyna Patalas-
Maliszewska**

Institute of Mechanical
Engineering, University of Zielona
Góra, Licealna 9, 65-417 Zielona
Góra, Poland

j.patalas-maliszewska@
iim.uz.zgora.pl

Deadline for manuscript
submissions:

30 November 2021

Message from the Guest Editors

Due to changes in the working environment, it is necessary to undertake activities that will encourage manufacturing enterprises to conduct processes consistent with the idea of sustainable development. This Special Issue aims to seek high-quality papers from academics and industry-related researchers in the areas of sustainability development in manufacturing enterprises.

The scope includes (but is not limited to) the following:

- Simulation of discrete manufacturing systems;
- Modeling of manufacturing processes;
- Multi-skill resource-constrained project scheduling;
- Digital twin for a production;
- Data, information, and knowledge management in production;
- Computational intelligence methods and application;
- Manufacturing systems capacity balancing;
- Intelligent web mining and applications;
- Sustainable development of manufacturing enterprises;
- Sustainability assessment in production.

