

Dear ESB delegate,

In collaboration with the organisers of the 29<sup>th</sup> Congress of the European Society of Biomechanics, JMMP (*Journal of Manufacturing and Materials Processing*, IF=3.3. Q1) would like to invite you to submit an extended version of your abstract as a full-length paper to the journal's special issue entitled:

**'Recent Advances in 3D Printing Technologies in Bioengineering' with Selected Papers from the 29th Congress of the European Society of Biomechanics (ESB 2024)**

The special issue will contain papers on the following topics:

- Three-dimensional printing of models, prototypes, and tools for surgical planning;
- Three-dimensional-printed sensor-related medical devices;
- Three-dimensional printing of pharmaceutical and drug delivery devices;
- Various applications in the dentistry field using 3D printing;
- Human tissue with 3D bioprinting and personalized tissue scaffolds using advanced biomaterials;
- Development and optimization of 3D-printing processes, including 4D printing.

Three-dimensional (3D) printing technology, also known as additive manufacturing (AM), has emerged as an attractive state-of-the-art tool for precisely fabricating functional materials with complex geometries and has demonstrated tremendous potential in bioengineering. This Special Issue will focus on original research papers and review articles that deal with cutting-edge technologies in various 3D-printing methods, including future strategies for developing materials and 3D-printed devices.

- For general enquiries please feel free to contact the undersigned special issue editors to enquire further about this ESB2024 linked special issue.
- Please inform us by [email](#) if you are willing to participate in this special issue by **15<sup>th</sup> August 2024**.
- JMMP is an Open Access journal publishing in which may incur fees. For the participants of ESB2024 we have secured concessions, which will be granted to papers on academic merit. It is therefore important that ESB2024 delegates contact the special issue editors to express their intention to submit an article by **15<sup>th</sup> August 2024** and discuss their case.
- The deadline for the submission of full papers is **31<sup>st</sup> January 2025**. Thank you and we look forward to your submission.

Best regards,

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**Guest Editors**