

# Special Invited Session 13

# 3D Printing and Bioprinting

This special session addresses recent advances and emerging directions in bioprinting and 3D printing technologies for nano-, micro-, and molecular systems. The session will showcase innovations in printing methods, materials, and process control that enable the fabrication of complex biological and functional structures with high spatial resolution. Topics of interest include bioinks, micro/nanoscale patterning, multimaterial and hybrid printing, tissue and organ models, organ-on-chip platforms, and translational applications in biomedical engineering and healthcare. By bringing together researchers across engineering, materials science, and life sciences, this session aims to stimulate interdisciplinary discussion on current challenges, scalability, and future opportunities in bioprinting and advanced 3D manufacturing.

## Special Invited Session Chairs



**Jiankang He**

Xi'an Jiaotong University, China



**Yi Zhang**

University of Electronic Science and Technology of China, China



**Maobin Xie**

Guangzhou Medical University, China



**Zeyu Luo**

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## Contact

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2026 IEEE 21<sup>st</sup> International Conference on  
Nano/Micro Engineered and Molecular Systems

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## Paper Submission

For the initial submission, the authors can select one of the following two types:

- Type 1: full paper (4-6 pages)
- Type 2: extended abstract (2 pages)

\*Note:

▪ **View more on website:**

<https://www.ieee-nems2026.org/initial-submission.html>

▪ **Submit your paper through the following link or QR code:**

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- Step 1: Please select the track “**Special Invited Sessions**” and click “**Continue**.”
- Step 2: After filling in the basic paper information, please select the topic “**SIS13 – 3D Printing and Bioprinting**.”



## Important Dates

|  |               |
|--|---------------|
| Initial Submission (Full Paper or Extended Abstract) | Jan. 31, 2026 |
| Notification of Acceptance                           | Feb. 10, 2026 |
| Late-News Submission Deadline                        | Feb. 28, 2026 |
| Early Registration Deadline                          | Mar. 10, 2026 |
| Presentation-Only Submission Deadline                | Mar. 10, 2026 |
| Final Submission Deadline                            | Mar. 10, 2026 |

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