

# Special Issue

## Research on Electronic Packaging Materials

### Message from the Guest Editor

In the post-Moore's Law era, advanced packaging and materials technologies are becoming increasingly important. Advanced packaging greatly shortens the connection between different chips and further increases the chip efficiency. It has produced many different applications, such as 5G and AI. On the other hand, the development of novel semiconductor materials also provides another new path for future semiconductor devices. Recently, many materials, such as ferroelectric material (FE), oxide semiconductors, 2D material, and 1D carbon nanotubes, have been widely discussed. Therefore, this Special Issue will focus on advanced packaging technology and novel semiconductor material technology. The topics of interest for this Special Issue, in particular, include (but are not restricted to):

- Package Technology;
- 2.5 DIC;
- 3 DIC;
- TSV/RDL/Interposer/Passive Device Integration;
- EDA;
- Novel Semiconductor Materials;
- Ferroelectric material;
- Oxide Semiconductor;
- 2D Materials;
- 1D Materials: Carbon Nanotubes.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2025)



## Coatings

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## About the Journal

### Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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