# Special Issue

# New Information Storage Films and Flexible Devices

### Message from the Guest Editor

In recent years, research into semiconductor memory films and devices has attracted considerable attention. In particular, with the wide application of mobile electronic devices, the demand for wearable electronic devices is increasing day by day. As the core component of the next generation of information storage materials, semiconductor films are developing towards being ultra-thin, low-power consumption, long life, flexible, and highly durable. By optimizing the composition and structure of the film, the thermal stability of the information memory can be improved, the power consumption in the cycle transformation process can be reduced, and the structural relaxation caused by bending can be decreased. This Special Issue welcomes original and innovative research on new information storage films and devices, and wearable flexible films and devices, and will provide a platform for academic exchanges between relevant researchers.

- phase-change films
- flexible electronic device
- new information memory
- photoelectric information films

We look forward to receiving your contributions!

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2023)

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## 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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