



## Group IV Photonics: Advances and Applications

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submissions:

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### Message from the Guest Editors

The aim of this Special Issue is to provide a comprehensive overview of the recent advances and applications of Group IV photonics. The scope of this issue will encompass the following topics:

the development of Group IV photonic devices and materials; optoelectronic properties of Group IV devices and systems; the integration of Group IV materials in photonic devices; light sources on silicon; applications of Group IV photonics in various fields such as telecommunications, sensing, data storage, renewable energy, and biomedicine; programmable photonics; silicon photonics; foundry and manufacturing; integrated quantum photonics; and artificial intelligence chip.

