



Physics of Light-Matter Coupling in Nanostructures

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to the 23rd International Conference on Physics of Light–Matter Interaction in Nanostructures (PLMCN-23). Its focus is on the fundamental and technological issues faced in the realization of a new generation of opto-electronic devices based on advanced low-dimensional and photonic structures, such as low-threshold polariton lasers, new optical switches, single-photon emitters, photonic band-gap structures, etc. This issue reviews recent achievements in the fundamental understanding of strong light–matter coupling, and follows progress in the development of epitaxial and processing technologies related to wide-gap semiconductors, organic nanostructures, and microcavities, providing the basis for advanced optical studies. Results in emerging fields such as carbon nanotubes, quantum information, and unconventional optical computing are also welcome.

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Guest Editors





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Message from the Editor-in-Chief

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