



Ring Resonator-Based Photonic Devices and Systems

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Message from the Guest Editor

Several configurations of resonant cavities with an ultra-high Q-factor have been proposed as key components in telecommunications, quantum electrodynamics and sensing applications. In particular, Whyspering Gallery Mode resonators with different sizes and shapes have been exploited to tailor the resonator response, in compliance with the target application requirements.

The aim of this Special Issue is to collect original contributions on the advances in resonator-based photonic devices, including, but not limited to, innovative resonator configurations, functional materials, experimental testing, technological processes, and innovative applications, as well as their integration at a system level.





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