



## Theory of Open Quantum Systems and Its Applications

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### Message from the Guest Editor

The theory of open quantum systems has been one of the fastest-growing fields in recent decades with an immeasurable number of specific physical applications. Although much has been done, this process has only intensified in recent years. Great progress has been made both in such “classical” open quantum systems topics as Markovian master equations, and in non-Markovian dynamics and the description of multi-time correlation behaviour. Many new applications and mutual enrichment come from the intersection of open quantum systems theory and rapidly evolving areas such as quantum information theory, quantum thermodynamics and quantum control theory. Thus, it is important to initiate this Special Issue dedicated to recent developments in the area. All contributions with novel results related to open quantum systems theory or its applications are welcome.





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## Message from the Editor-in-Chief

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