



## Advances in Quantum Theory and Quantum Computing

Guest Editor:

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submissions:

**closed (31 July 2023)**

### Message from the Guest Editor

Dear Colleagues,

Even though it is over a hundred years old, quantum theory of information is still highly relevant. Many scientists are looking for a quantum equivalent to the theory of gravity. Therefore, it is difficult to overestimate the importance of quantum aspects in broadly understood science and technology. Even mathematical modeling would be a completely different science without the concepts rooted in quantum theory.

This Special Issue aims to highlight the role of symmetry in pure and applied sciences. We invite contributions of both theoretical and applied types. The authors are encouraged to submit their original research results and, possibly, reviews. The scope of topics includes, but is not limited to, the following:

- "standard" quantum mechanics and quantum field theory;
- quantum statistical physics;
- quantum information processing;
- mathematical structure of quantum theory;
- quantum games;
- quantum decision theory;
- quantum aspects of social science.

