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Quantum Annealing

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2020)

Message from the Guest Editor

Dear Colleagues,

Quantum annealing by its nature is a very multidisciplinary subject, with connections to experimental quantum devices, condensed matter theory, computer science, fundamental quantum theory, and many other subjects. Perhaps the best indicator of the diversity of the field is that experts cannot even agree on how the term quantum annealing should be defined, with some using it to indicate dissipative and rapid quenches, while others reserve the term to refer to slow operations in the adiabatic limit. In this Special Issue, we are interested in exploring and celebrating the diversity of research which is related to the subject of quantum annealing (following all of the definitions used by experts).

This Special Issue covers original reviews and articles on experimental and theoretical works in the broad areas outlined above. Solutions and demonstrations based on novel design, characterization, and methods to further advance the field will be considered.

Dr. Nicholas Chancellor Chancellor
Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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