Special Issue

Quantum Chaos—Dedicated to Professor Giulio Casati on the Occasion of His 80th Birthday

Message from the Guest Editor

The aim of this Special Issue is to collect original research articles on the most recent research in quantum chaos, as well as comprehensive review articles covering quantum chaos from either a theoretical or experimental viewpoint. A review can focus on either a wide context or the recent research contributions of the author(s) and related works of other researchers on the same topic. Topics can include any subject in the area of quantum or wave chaos, as well as subjects in classical chaos in a manner that is relevant to quantum chaos.

Professor Giulio Casati has had an admirable impact on physics, especially in classical and quantum chaos, where his work over more than five decades has laid down the foundations, but also in many other areas of theoretical physics and applications.

In recognition of his creative and influential life opus and of his plentiful contributions for the good of our scientific community, this Special Issue is dedicated to him on the occasion of his 80th birthday (9 December 2022).

Guest Editor

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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