Special Issue

Recent Advances in Single-Particle Tracking: Experiment and Analysis

Message from the Guest Editors

Dear colleagues, The aim of this Special Issue is to gather the latest developments in single-particle tracking, with a focus on both the collection of data as well as classical statistics and machine learning approaches as applied to the characterization of trajectories.

- molecule imaging
- single-particle tracking
- anomalous diffusion
- trajectory classification
- machine learning
- statistical analysis
- time series classification

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2021)



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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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