Joint Special Issue

Active Colloidal Systems in Gas and Liquid

Message from the Guest Editor

The overwhelming majority of objects in nature are open systems, which makes them more difficult to study. Therefore, the thermodynamics of systems far from equilibrium is an actively developing field of science. As a separate class of open systems, one can distinguish systems of so-called active Brownian particles, i.e., particles capable of converting the energy received from outside into their own kinetic energy of motion. Examples of natural “active Brownian particles” are motile cells. The range of artificial active particles is wide; mostly, they are colloid systems with chemically active surfaces. This Special Issue welcomes results of theoretical and experimental studies concerning the dynamics of all active systems.

Guest Editor

Dr. Mikhail M. Vasiliev

Moscow Institute of Physics and Technology, Moscow, Russia

Deadline for manuscript submissions

closed (20 August 2021)

Participating open access journals:

Colloids and Interfaces

Impact Factor 2.5
CiteScore 3.9

mdpi.com/si/62323

Molecules

Impact Factor 4.2
CiteScore 7.4
Indexed in PubMed

mdpi.com/si/62277

MDPI