

Colloid Chemistry

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Message from the Guest Editors

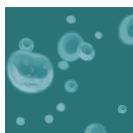
Dear Colleagues,

Colloid chemistry summarizes creating and understanding the behaviour of colloidal systems and how chemical methods and techniques can be used to control and modify properties of the bulk and the surface of colloidal particles. Colloidal reaction systems, such as emulsions, are used for the formulation of nanoparticulate systems, but also as nanoscaled reactors for a variety of reactions. The small confined reaction space may alter the reaction conditions and products, when compared to conventional syntheses. Defined and controlled reactions on particle surfaces allow the introduction of functional groups as well as interactions among the particles to be tuned, e.g., for improved colloidal stability, controlled self-assembly, or interaction with biological systems.

As an interdisciplinary topic, contributions from chemistry, physics, biology, and medical sciences, especially when touching several disciplines, are welcome to show the extent and impact of colloidal chemistry.

Prof. Dr. Clemens K. Weiss
Guest Editor





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Message from the Editorial Board

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