



Hydrocolloids: Basics and Applications in the Food Industry

Guest Editor:

Dr. Anton Huber

Group Polysaccharides and Hydrocolloids, Department of Physical and Theoretical Chemistry, Institute of Chemistry, University Graz, 8010 Graz, Austria

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Message from the Guest Editor

Due to the capability of supermolecular objects, ranging from nanometers to micrometers, to respond sensitively to changing milieu conditions, colloids—specifically, colloidal systems—constitute a wide range of practical applications.

A major field of application for colloidal systems with an aqueous continuous phase is industrial food processing, wherein such systems are used to stabilize nutritional values and imbue food products with appropriate textures and organoleptic acceptance within the framework of legal regulations at affordable costs. Practically, the challenge is the reproducible production and handling of colloidal systems: sensitive mixes of homogeneous and heterogeneous partitions where the law of masses, the crucial approach in traditional chemistry, becomes secondary.

The production, synthesis, analysis, and characterization of hydrocolloidal systems, specifically those used in industrial food processing, are the topics we intend to cover in this Special Issue.

Prof. Dr. Anton Huber
Guest editors





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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