



Magnetic Fluids, Droplets and Magnetic Composites: Formation, Investigations and Advanced Applications

Guest Editor:

Dr. Vijaykumar B. Varma

School of Materials Science and
Engineering, Nanyang
Technological University,
Singapore 639798, Singapore

Deadline for manuscript
submissions:

closed (15 December 2021)

Message from the Guest Editor

Dear Colleagues,

I invite your recent, novel, and interesting findings for publication in the Magnetochemistry Journal's Special Issue.

Topics to be covered include but are not limited to:

Experiments, modeling, and simulations of chemical and physical properties of magnetic fluid development (design, synthesis), stability, property enhancements, and the effect of surfactants, viscosity, and magnetic properties of particles on the same;

Effect of uniform or non-uniform magnetic fields on magnetic fluids, droplets, or magnetic composites;

Development and advanced applications of magnetic composites, magnetic Janus structures, and Janus particles.

Keywords:

magnetic fluids

magnetic droplets

magnetic composites

Janus particles

