

an Open Access Journal by MDPI

Nanocarbon-Liquid Systems

Guest Editor:

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Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editor

This Special Issue aims to present a versatile consideration of different kinds of nanocarbons, such as fullerenes, graphene, carbon nanotubes, nanoonions, nanowires, nanodiamonds, etc., in liquids. These systems have long been considered interesting from both a theoretical and applied point of view. Nevertheless, new features of the behavior of nanocarbons in both aqueous and organic media are constantly being revealed in the modern scientific literature. Potential topics of the present Special Issue are as follows:

- 1. Preparation of nanocarbons' suspensions and hydro(or organo)sols;
- 2. Characterization and (possible) standardization of the systems;
- 3. Chemical and physical properties;
- 4. Stability with respect to electrolytes and other additives:
- 5. Hybrid nanocarbon-based systems in solution;
- 6. Behavior in the environment (soils, fresh water, etc.);
- 7. Application in different technologies and medicine.

Of course, this is only an indicative list. Any new results or reviews (micro-reviews) related to the stated general topic are welcome.



