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Structure and Properties of Metal Nanoclusters

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Message from the Guest Editor

Dear Colleagues,

Research on metal nanoclusters has seen impressive progress in recent decades, thanks to breakthroughs in both experimental and theoretical approaches. Metal nanoclusters can be prepared using a physical or chemical approach. Experimental syntheses begin to be able to control size and structure by adjusting the reaction parameters, precursor composition, and reducing and stabilizing agents. Investigating the intrinsic properties of metal nanoclusters remains a very active domain of research, especially concerning the characterization of the structure, the reactivity, and the electronic and optical properties. Additionally, studying the effects of the environment on the chemical and physical properties of metal nanoclusters is now a major challenge for both theoreticians and experimentalists.

This Special Issue aims to assemble the recent relevant scientific achievements in the field of metal nanoclusters and their structure and properties (i.e., synthesis, stability, electronics, optics, reactivity, electrochemical, etc.). Both experiments and theoretical calculations are welcome.

Dr. Franck Rabilloud
Guest Editor

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Message from the Editor-in-Chief

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