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# State-of-the-Art in Carbon Nano-Structured Catalysts

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## Message from the Guest Editors

After three decades since the discovery of carbon nanotubes, and fifteen years since that of graphene, the level of interest in carbon nanostructures (CNS) has been incessantly increasing. Catalytic applications are one of the most investigated fields in which CNS have today become ubiquitous elements. Synthetic designs towards precise CNS structures with tailored texture, doping elements and levels, ad hoc surface modification, as well as a combination of CNS with other inorganic nanomaterials, has resulted in the establishment of state-of-the-art catalysts for a wide range of transformations. Remarkable catalytic performances by CNS-based catalysts have been observed for energy related processes, as well as organic reactions through electro-, photo- or conventional catalysis. The aim of this Special Issue, "State-of-the-Art in Carbon Nano-Structured Catalysts", is to cover the latest progress and development in material synthesis, based on CNS, towards catalytic applications.