New Trends in Catalysis: ELITECAT 2024

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Message from the Guest Editors

Catalysis has undergone significant advancements since the 1950s. Numerous sophisticated tools and concepts have enhanced our understanding of the mechanisms governing catalytic reactions. Today, one of the primary challenges for scientists is to develop new reaction pathways that are efficient in terms of atom economy, reaction steps, energy consumption, waste reduction, and increased selectivity and safety. Catalysis is crucial in the development of these new reaction paths, necessitating highly skilled professionals who can understand the principles and tools required to bridge the gap between laboratory research and industrial applications. In pursuit of this goal, the catalysis training course Elitecat 2024 will be held from July 8th to 12th, 2024, at the LyonTech La Doua scientific campus in Villeurbanne, France. The course will cover the latest developments in the field of catalysis; key procedures for preparing, characterizing, and testing catalysts for various applications; tools for establishing kinetic models; and the types of reactors used for catalytic reactions.

Special Issue