



Progress in Catalytic Hydrodechlorination

Guest Editors:

Dr. Luisa Maria Gomez-Sainero

Departamento de Ingeniería
Química, Facultad de Ciencias,
Universidad Autónoma de
Madrid, Cantoblanco, 28049
Madrid, Spain

Dr. María Martín Martínez

Chemical Engineering
Department, Universidad
Autónoma de Madrid, 28049
Madrid, Spain

Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editors

Catalytic hydrodechlorination is a featured technology for the treatment and valorization of organic chlorinated wastes, which finds application for gaseous and liquid residual effluents. In addition, it can be used as an intermediate and alternative process to obtain valuable hydrocarbons for the petrochemical industry (such as olefins), after former chlorination of renewable feedstocks like biogas or methanol. However, the development of this technology still faces important challenges.

The aim of this Special Issue is to cover novel research and trends in all relevant aspects of catalytic hydrodechlorination, which may contribute to improve the current state of the technology as well as to increase the understanding of the process and the correlation between the composition and structure of the catalysts and their reactivity.

