

**Course offered for the PhD program
in Civil, Chemical and Environmental Engineering
Curriculum in Chemical, Material and Process Engineering –
2022/2023**

(open to students of other doctorate schools)

1. Title

Catalysts and Adsorbents

2. Course Description

The course, held in English, describes the main families of catalysts and adsorbents applied in industrial and environmental chemistry and the nature of their behavior. Some insight will be also provided on molecular interactions in organo-inorganic composite materials.

3. Course Organization

The course consists of classroom lessons.

4. Teacher

The course teachers will be Prof. Guido Busca (9 hours) and prof. Elisabetta Finocchio (6 hours).

5. Duration and credits

The course (15 hours) will consist of 5 lessons, 3 hours each, for a total of 3 credits.

6. Activation mode and teaching period.

The course will be held during the period January-February 2023. Please contact the teachers: Guido Busca: Tel. +39-3292104505; email: Guido.Busca@unige.it, Elisabetta Finocchio: email: Elisabetta.Finocchio@unige.it

7. Final exam.

Course participants will take an oral exam, by appointment with the teachers. The exam will be focused on a discussion on the topics covered during the course.