

**Course:** Modern synthetic approaches to radical chemistry

**Duration:** 24 hours

**Teacher(s):** Luca Dell'Amico, Giulio Goti, Daniele Mazzealla

**Curriculum:** Scienze Chimiche – Molecular Sciences

**Description:** The aim of the course is to provide an overview of the most recent developments in the field of radical chemistry towards the construction of Carbon-Carbon and Carbon-Heteroatom bonds. The course will focus on the use of the diverse strategies to access such reactive intermediates, with particular emphasis on the most recent catalytic approaches such as organo-, photo- and electrocatalysis. The radical nature, stability and properties will be also discussed with selected examples in the construction of synthetically relevant scaffolds.

**Additional information:** *(guest speakers, practical sessions, etc)*