



**PhD Course in**  
*Structural Engineering, Architecture and Cultural Heritage*

**DESIGN OF STEEL STRUCTURES:  
TRADITIONAL AND INNOVATIVE  
APPROACHES**

## **DESCRIPTION**

The course includes an overview of steel structures and fundamentals of seismic engineering. It analyzes the main rules provided by the current Eurocode 8 and its recently revised version. It provides the main design rules for moment-resisting frames, eccentrically and concentrically braced frames. Finally, new innovative steel structures are presented and analyzed according to different design rules.

## **SCHEDULE**

24.06.2024 09:00-13:00 (Eng. Alessandro Pisapia)

01.07.2024 09:00-13:00 (Eng. Alessandro Pisapia)

12.07.2024 09:00-12:00 (Prof. Rosario Montuori)

15.07.2024 09:00-12:00 (Prof. Rosario Montuori)

19.07.2024 09:00-12:00 (Prof. Elide Nastri)

22.07.2024 09:00-12:00 (Prof. Elide Nastri)

26.07.2024 09:00-10:00 (Final Test)

**Multimedial Room  
Strength Lab (L2)**