



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### **NMR Spectroscopy of Molecular Inorganic and Organometallic Compounds (Curricular - Chemistry)**

2223-94R-SCGA15

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#### **Title**

NMR spectroscopy of molecular Inorganic and Organometallic Compounds

#### **Teacher(s)**

prof. Roberto Della Pergola

#### **Language**

English (or Italian in case of full consensus among participants)

#### **Short description**

The course will focus on  $^1\text{H}$ ,  $^{13}\text{C}$  and other less common NMR active nuclei ( $^{31}\text{P}$ ,  $^{19}\text{F}$ ,  $^{15}\text{N}$ ,  $^{195}\text{Pt}$ ). It will also deal with band shape analysis, quadrupolar nuclei, paramagnetic compounds

Objectives of the lectures is to show what information can be obtained about the structures, the chemical behavior and the reactivity of inorganic compounds I or II years

Evaluation: NO

**CFU / Hours**

1 CFU - 8 hours (Lecture)

**Teaching period**

I semester

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