

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

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

2021-94R-SCGA15

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NMR spectroscopy of molecular Inorganic and Organometallic Compounds

Teacher(s)

prof. Roberto Della Pergola

Language

English (_____

Short description

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

Objectives of the lectures is to show which information can be obtained about the structures, the chemical behavior and the reactivity of inorganic compounds

CFU / Hours

1 CFU - 8 hours (Lecture)

Teaching period

II semester