

Course: Advanced NMR techniques

Duration: 24 hours

Teacher(s): BELLANDA Massimo

Curriculum: Chemical Sciences

Description:

The course aims to strengthen the knowledge of students in NMR spectroscopy by covering subjects that are not commonly dealt with in undergraduate courses. In particular, a deeper insight is provided into the formalism of product operators, relaxation phenomena, multidimensional NMR techniques (homo- and hetero-nuclear correlation spectroscopy, NOE spectroscopy), NMR diffusometry and modern instrumentation (pulsed field gradients