

Teacher: name and affiliation	Prof. Dr. Kallol Ray
Title:	Physical Methods in Inorganic Chemistry: Mössbauer, EPR and X-ray Absorption Spectroscopy
Language	English
Typology of proposal (e.g.: introductory seminar, lecture, workshop, cycle of lectures, other)	Cycle of lectures
CFU (1 CFU corresponds to 8 hours teaching + students' work and evaluation)	1.5 CFU
Hours (in class)	12
Detailed objectives (specified in relation to research training; suggested year of attendance – I, II, or III) Expected outcome (be concrete)	Year attendance: I Objectives: Basic introduction to the spectroscopic methods; how to interpret experimental data.
Table of contents -	- Mössbauer Spectroscopy - X-ray Absorption Spectroscopy - EPR Spectroscopy - Solving of Problems from Inorganic and Bioinorganic Chemistry
Detailed method (please prefer active methods, Problem Based Learning, group work, or any experiential/practical method centered on students' interests).	Class lectures, data analysis.
Evaluation: YES/NO How will you evaluate students?	YES Oral examination
Specific needs for teaching: projector, computer, internet, software etc.	PC, projector,
Participants (min/max):	2/10
Calendar:	February 2018
Notes:	

N.B. La proposta di calendario potrebbe subire variazioni per evitare sovrapposizioni