



PhD Programme in Chemical Sciences

A PhD Programme of the Dipartimento di Chimica, Biologia e Biotecnologie (DCBB) of the Università degli Studi di Perugia

Research Seminars Offered for the Academic Years

2020-2021

2021-2022

2022-2023

Coordinator: Prof. Luigi Vaccaro



DIPARTIMENTO **2018**
di **ECCELLENZA** **2022**
progetto AMIS



Ministero dell'Istruzione, dell'Università e della Ricerca

Seminars will be held in room A and the exact time will be updated on the webpage and communicated via email to all PhD students.
Final schedule will be also advertised on the screens in the main entrance.

January 22, 2021

Resonant Raman spectroscopy: a valuable tool to unveil the structure and function of heme proteins (0.25 CFU)

Prof. Giulietta Smulevich, Università degli Studi di Firenze

February 5, 2021

Water structure and dynamics: a computational study (0.25 CFU)

Prof. Matteo Maria Saverio Tommasini, Dipartimento di Chimica, Materiali e Ingegneria Chimica "Giulio Natta" - Politecnico di Milano

February 18, 2021

Introduction to theoretical methods for solid state modelling (0.25 CFU)

Dr. Daniele Meggiolaro, Institute CNR-ISTM – Perugia

March 3, 2021

Catalysis with gold(III) complexes: ligand and counterion effects (0.25 CFU)

Dr. Daniele Zuccaccia, Università degli Studi di Udine

March 26, 2021 - AMIS day

Plastics & Circular Economy (0.25 CFU)

Prof. Gaetano Guerra, Università degli Studi di Salerno, President of the Italian Chemical Society

Materials for Energy Applications (0.25 CFU)

Dr. Nicola Armaroli – Institute CNR-ISOF - Bologna

April 2021

X-Ray based synchrotron spectroscopies for Environmental and Vultural Heritage sciences (0.25 CFU)

Dr. Marine Cotte del ESRF Grenoble (F)



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May 15, 2021

Multifunctional cooperative catalysis to access new synthetic methodologies (0.25 CFU)

Prof. Darren J. Dixon University of Oxford – UK

May 22, 2021

Cationic gold(I) diarylallenylidene complexes: bonding features and ligand effects (0.25 CFU)

Prof. Johannes E.M.N. Klein, University of Groningen - NL

June 8, 2021

Computational aspects of molecular dynamics: Hardware/hands on (0.25 CFU)

Dr. Daniele Mosconi , Institute CNR-ISTM – Perugia

July 10, 2021

Application of molecular dynamics to cultural heritage (0.25 CFU)

Dr. Simona Fantacci, Institute CNR-ISTM – Perugia

July 14, 2021

Modelling of Mechanisms in Homogeneous and Enzymatic Catalysis (0.25 CFU)

Prof. Fahmi Himo, University of Stockholm - SE

September 7, 2021

Drug discovery & green chemistry: sustainable approaches for the synthesis of pharmaceutical ingredients (0.25 CFU)

Prof. Daniele Castagnolo, Kin's College London – UK

December 11, 2021

Italian Chemical Society day

N. 3 seminars to be defined (0.25 CFU each)



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Additional seminars given by the guests of the Department of Chemistry, Biology and Biotechnology will be announced and the list updated accordingly.

On average, each year over 30 research seminars are organized and the PhD students are strongly encouraged to attend all of them. It is mandatory to attend a minimum of 16 seminars (4 CFU, 0.25 CFU per seminar) over the entire PhD course.



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