CH-605 **Inorganic Chemistry Virtual Seminar Series**

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Cursus	Sem.	Type
Chemistry and Chemical Engineering		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Term paper
Workload	30h
Hours	**21**
Courses	7
TP	14
Number of positions	

Frequency

Only this year

Remark

virtual course Spring 2020

Summary

The course will consist on a series of seminars from leading scientists in the broad field of Inorganic Chemistry. It will cover all areas of Inorganic Chemistry (coordination chemistry, bioinorganic chemistry, materials, catalysis, MOFS) with strong focus on molecular chemistry.

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Coordination Chemistry

Organometallic Chemistry

Catalysis

Magnetism

Supramolecular Chemistry

Small Molecule Activation (CO_2, N_2)

MOFs

Note

Virtual course

Keywords

Coordination Chemistry, organometallic chemistry, transition metals, catalysis, physical inorganic chemistry, magnetism

Learning Prerequisites

Important concepts to start the course

Basic Inorganic chemistry

Learning Outcomes

By the end of the course, the student must be able to:

- Take into consideration leading research done in the field of Inorganic Chemistry and understand the key concepts and level of research done by leaders in the field
- Expound