



**Università
degli Studi
di Ferrara**

PhD Course in EARTH AND MARINE SCIENCE

Disciplinary Activities 2021/22

Short course

**Introduction to spectroscopy and crystal field theory for
geomaterials characterisation**

Francesco Di Benedetto

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20, 21, 27, 28 January 2022

h. 10:00-13:00

Online Course - meet.google.com/ymo-hbna-hie

Brief description

The lectures will provide an introduction to the crystal field theory and to some of its consequences in explaining structural and physical properties of minerals and geomaterials. Particular focus will be given to applications in the electronic (UV-VIS) spectroscopy and in the understanding of the magnetic properties of minerals.

For further info, please contact Prof. Francesco Di Benedetto at:

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