

EBSD (Electron BackScattered Diffraction) COURSE

(12 hours – 2CFU)

(Prof. Richard Spiess – Univ. Padova)

Prof. Richard Spiess is giving a course that introduces you in the EBSD technique. This course is of potential interest for those who are dealing with microstructures in the broadest field of the geological sciences. EBSD is a SEM-based technique that helps you to determine the crystallographic orientation of crystals in a crystal aggregate, which may be a rock (magmatic or metamorphic), a metal, a ceramic, any crystalline rock-analogue etc...

For academic year 2019-2020, this course is scheduled as follows:

- October 29th from 10.30 to 13.00, room 1CD (teaching area) (theoretical part)
- October 29th from 15.00 to 18.00, SEM -lab (01/043 – Research area)
- October 30th from 15.00 to 18.00 SEM -lab (01/043 – Research area)

Remember that you need to attend to at least 75 % of the course.

For logistic reasons, all people interested in the EBSD course are invited to contact richard.spiess@unipd.it as soon as possible.

In addition, please consider that people not yet allowed to visit the SEM lab of the Department of Geosciences have to complete three on-line safety courses before starting the course, so, in case you are interested to this course, I encourage you to contact richard.spiess@unipd.it who will give you all the necessary information on how to participate to these preliminary on-line courses.