

## Courses units

### **Hydrothermal Alteration and Metalogeny**

Presentation of methodologies for field and laboratory for the understanding of hydrothermal processes in association with the occurrence of clay minerals. X-ray diffraction, chemical microanalysis; sampling and description of the survey evidence, chemical analysis (geochemical mass balance). Applications to ore deposits. – 60h – ECT: 3

**Teaching staff :** Andre S. Mexias (UFRGS); Márcia E.B. Gomes (UFRGS) + external collaborators.

The evaluation will be 25% Report, 25% Presentation and 50% Exercises.