



UNIVERSITÀ DEGLI STUDI DI MILANO

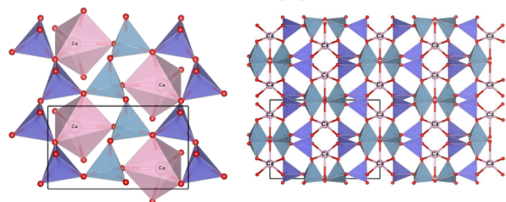
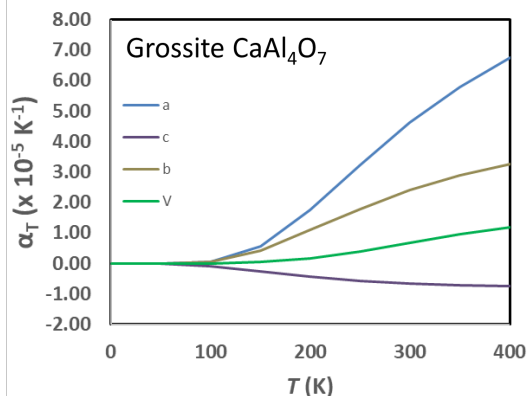
Corso di Dottorato in Scienze della Terra



16-18th January 2023 - Short course (2 cfu, 2×5 hours) – Aula accoglienza Botticelli 23

Dipartimento di Scienze della Terra “A. Desio”, via Mangiagalli 34, Milano

Non-ambient in situ studies of thermoelastical behaviour and phase transition of minerals by Fernando CAMARA



PROGRAM

- Non ambient in-situ studies: SC-XRD (facts, devices, tools) HT, HP, HT/HT; Calibration of T and P; Accessibility problems; Equations of State (HP, HT); Examples
- Phase transitions (clinopyroxenes HT & HP, Lawsonite HT & HP, grossite HP) ; Expansion of Landau (spontaneous strain, order parameter, coupling elastic energy and order parameters)



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