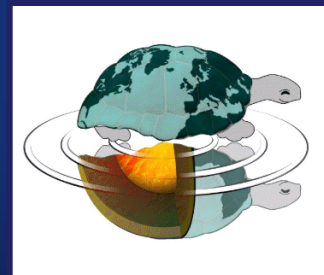




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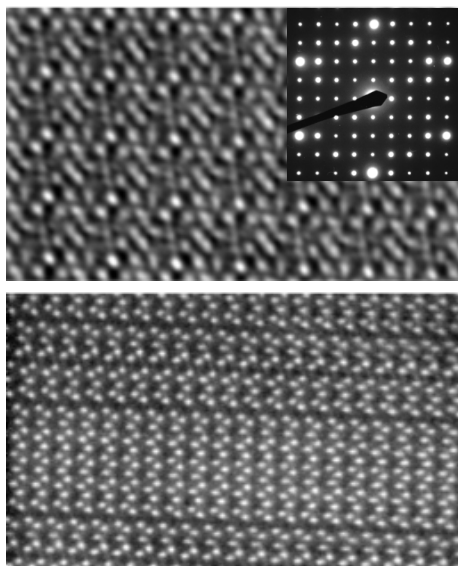
Corso di Dottorato in
Scienze della Terra



aula D, via Botticelli 23, Milano - 18-22 Giugno 2018 - Short course (4 cfu)

Fundamentals of Transmission Electron Microscopy (TEM) and Spectroscopy Techniques

by Alessandro Genovese



PROGRAM

- * Introduction to Crystallography.
- * Diffraction and Scattering.
- * Basics of TEM and Lens Aberrations.
- * Diffraction in TEM.
- * Imaging Techniques.
- * Spectroscopy EDX and EELS.
- * Scanning TEM.
- * Sample Preparation.
- * The state-of-art of (S)TEM analysis.
- * *TEM Practice: Imaging and Diffraction, HRTEM.*



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