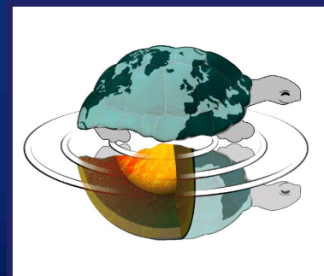




UNIVERSITÀ DEGLI STUDI DI MILANO

ADEQ
Progetto Dipartimenti
Eccellenza (2018)

Corso di Dottorato in
Scienze della Terra
(PhD, Earth Sciences)



Milano - 7-8 May 2018 - Short course (2.5 cfu)

Application of X-Ray Computed Tomography in Microtectonics

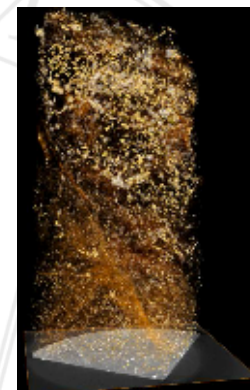
by **Mohammad Sayab***, Geological Survey of Finland

7 May, 2018 (ore 9.00-12.30 Aula C -- ore 14.00-18.30 Aula E)

- | | |
|--|-----------|
| 1) Microstructures in metamorphic rocks: a brief overview and recent advances | 2 hours |
| 2) Introduction of X-ray computed micro and nano tomography (X-CT) | 1 hour |
| 3) Non-destructive 3D analysis of foliations and lineations in metamorphic rocks | 1 hour |
| 4) Application of X-CT to magnetic fabrics (AMS) | 1 hour |
| 5) Discussion, bring your samples along (and thin sections if you have)! | 2.5 hours |

8 May, 2018 (ore 9.00-12.30 Aula E -- ore 14.00-18.30 Aula D)

- | | |
|---|-----------|
| 1) Porphyroblast microstructures: textures and controversies | 2 hours |
| 2) 3D analysis of porphyroblast inclusion trails | 1 hour |
| 3) Use of X-CT in ore textures and fabrics: some case studies | 1 hour |
| 4) 3D nanopetrography of datable minerals | 1 hour |
| 5) Discussion | 2.5 hours |



Per informazioni e iscrizione contattare: Michele Zucali (michele.zucali@unimi.it)