

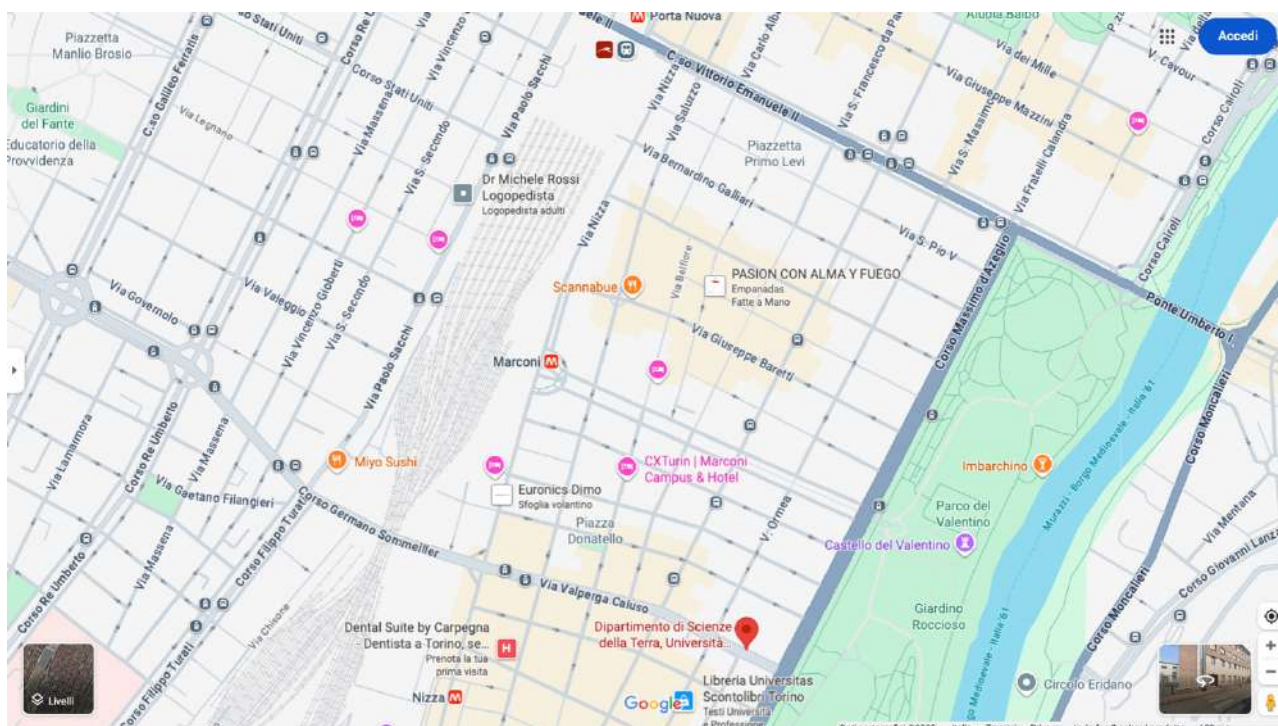


37th Himalaya-Karakoram-Tibet (HKT) Workshop, Torino (Italy), pre-conference short course:

"Microtectonics of Himalayan rocks: a tale of beauty" (September 1st, 2025)

Program

where: @ AULA POGNANTE, [EARTH SCIENCES DEPARTMENT](#), University of Torino - via Valperga Caluso 35, 10125, Torino



Location of the Earth Sciences Department hosting the short course

Program details:

9.30-10.00: Welcome, Introduction to the short course and brief geological overview of the Himalaya (and related high-strain zones)

10.00-11.00: Introduction to Microstructures (and Microtectonics); Tectonic Foliations; Kinematic Indicators

11.00-12.30: Practical exercises

12.30-13.30: Light Lunch (Aula Sturani - provided by the 37HKT organizers)

13.30-14.30: Deformation Mechanisms; Porphyroblasts and Analysis of Deformed Rocks

14.30-16.00: Practical exercises and final remarks

Useful material and resources:



37th HKT workshop – Short Course: Program (September, 1st)



The lectures will be delivered in PowerPoint format, during the practical sessions Himalayan thin sections from the Structural Geology Group (University of Torino) collection will be described at the microscope. Valuable readings:

- Passchier, C. W., & Trouw, R. A. J. (2005). **Microtectonics** (2nd ed.). Springer.

- Trouw, R. A. J., Passchier, C. W., & Wiersma, D. J. (2010). **Atlas of Mylonites and Related Microstructures**. Springer.



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