Freie Universität Berlin

Geowissenschaftliches Kolloquium

20 years of study in the core of the Himalayan cristalline

Donnerstag, 4. Juli 2019 - 16.15 Uhr

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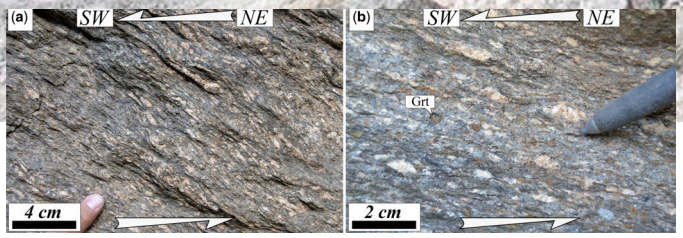
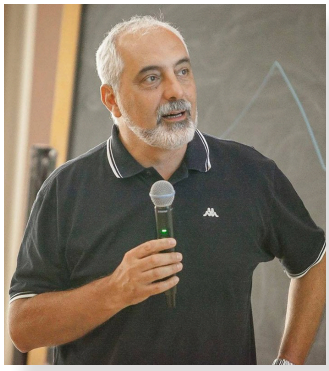


The mid-crust in the Himalayan belt stretches all over the 2400 km of length of the belt, has been considered for a long time as a coherent tectonic unit, exhumed by the contemporaneous shearing along the Main Central Thrust and the South Tibetan Detachment System in the time span ~25–17 Ma. A multidisciplinary approach allowed to better constrain its internal architecture characterized by several levels of tectonic-metamorphic discontinuities active since ~ 40 Ma that drove the exhumation of the metamorphic ore of the belt.



Rodolfo Carosi graduated at Pisa University and is now full professor at the University of Torino (Italy). He is specialised in structural geology and tectonics , with a special focus on the evolution of modern and ancient orogenic belts spanning from Himalaya, Antarctica, Alps, southern China, Albania, Spain to Sardinia and Northern Apennines.

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