
Prof. Giacomo Prosser

CURRICULUM SCIENTIFICO

Giacomo Prosser si è laureato in Scienze Geologiche con lode presso l'Università di Bologna nel Luglio 1985 ed ha acquisito il titolo di Dottore di Ricerca nell'Ottobre 1990 discutendo una ricerca sulla cinematica della Linea delle Giudicarie (Alpi Centro-Orientali), svolta presso l'Università di Padova. Nel marzo 1993 è ricercatore presso la Facoltà di Scienze Matematiche, Fisiche e Naturali dell'Università della Basilicata. A partire dal Novembre 2001 è professore associato in geologia strutturale, presso la facoltà di Scienze MM.FF.NN. della stessa Università. Giacomo Prosser svolge la propria attività scientifica in collaborazione con docenti e ricercatori dell'Università della Basilicata e di altre Università italiane e straniere (Technische Universität di Monaco; Institut du Physique du Globe di Parigi; Institut für Erd- und Umweltwissenschaften dell'Università di Potsdam). L'attività scientifica è incentrata sullo studio dei processi connessi alla formazione delle catene montuose. L'attività di ricerca è indirizzata verso la geologia di terreno, applicata all'analisi di aree di catena e di bacino. Utilizza le principali tecniche dell'analisi strutturale alla meso- e microscala, con particolare interesse verso l'analisi cinematica delle zone di taglio in ambiente fragile e duttile. Applica la tecnica delle sezioni bilanciate allo studio del raccorciamento delle aree di catena, come le Alpi Meridionali e l'Appennino Meridionale. Ha inoltre una buona esperienza nello studio della storia termica e delle modalità di esumazione delle zone interne delle catene montuose. Giacomo Prosser ha tenuto i corsi di Rilevamento Geologico, Geologia Strutturale e Geodinamica, Geologia del Cristallino, Rilevamento e Modellazione dei Corpi Geologici e Geologia Regionale all'interno della laurea quinquennale (vecchio ordinamento), triennale e magistrale/specialistica in scienze geologiche. E' stato inoltre relatore di numerose tesi di laurea del vecchio ordinamento, della laurea triennale e magistrale/specialistica, oltre che tutor di tesi del dottorato di ricerca in Scienze della Terra.

SHORT CURRICULUM

Giacomo Prosser graduated in Geological Sciences at the University of Bologna, cum laude, during July 1985 and obtained the Ph.D. degree in Earth Sciences in October 1990. The thesis work, carried out at the Padua University, regarded the kinematics of the Giudicarie Line (Central-Eastern Alps), deduced from the structural and microstructural analyses of cataclasites and mylonites. During March 1993 he started to work as assistant professor at the Faculty of Sciences of the University of Basilicata. Since November 2001 he is associate professor in structural geology at the Faculty of Sciences of the same university. Giacomo Prosser is currently cooperating with researchers from Italian and foreign universities (i.e., Technische Universität München; Institut du Physique du Globe - Paris; Institut für Erd- und Umweltwissenschaften, Universität Potsdam). He focuses its scientific interests on the study of the tectonic processes within orogenic belts. Research is mainly oriented to field geology, which is applied to the analysis of mountain belts and foreland basins. Results have been mostly achieved using classical structural analysis techniques performed at different scales, with particular emphasis on the kinematic analysis of the shear zones in brittle and ductile environments. He applies the techniques of the balanced cross-sections to frame meso- and micro-structural evidence in large-scale kinematic reconstructions of mountain belts, such as the Southern Alps and the Southern Apennines. Finally, he is experienced in the analysis of the thermal history and the exhumation processes of mountain ranges. Giacomo Prosser held the courses in Geological Mapping, Structural Geology and Geodynamics, Geology of Basement Rocks, Mapping and Modelling of geological structures and Regional Geology for the five-years degree, the bachelor and the master



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courses in geological sciences (Faculty of Sciences and Department of Sciences, Basilicata University). He tutored several bachelor, master and Ph.D theses in geology.

Principali Pubblicazioni / Selected Papers and Publications:

- Martin S., Prosser G., Santini L., 1991. Alpine deformation along the Insubric Lineament in the Italian Eastern Alps. *Annales Tectonicae*, 5 (2) , 118-140.
- Castellarin A., Cantelli L., Fesce A.M., Mercier J.L., Picotti V., Pini G.A., Prosser G., Selli L., 1992. Alpine compressional tectonics in the Southern Alps. Relationships with the N-Apennines. *Annales Tectonicae*, 6 (1), 62-94.
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ORARIO E SEDE DI RICEVIMENTO

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MARTEDI'	9:30	11:30	Studio Prof. Giacomo Prosser
MARTEDI'	15:30	17:30	Studio Prof. Giacomo Prosser
MERCOLEDI'	9:30	11:30	Studio Prof. Giacomo Prosser

INDIRIZZO EMAIL: giacomo.prosser@unibas.it

RECAPITO TELEFONICO: 0971 206180

