



Magmatic Processes in the shallow crust
Adamello Massif, Italy

26th August - 1st September 2012
Led by Jon Blundy, University of Bristol



Rifugio Tita Secchi at the foot of Cornone di Blumone

Itinerary

Sun 26th: Arrive Bergamo Airport (mid afternoon), drive to Passo Croce Domini (1 night: Rifugio di Passo Croce Domini)

Mon 27th: Val Fredda Complan - Magma mingling, layered mafic cumulates, roof pendants, contact metamorphism of impure dolomites. (3 nights: Rifugio Tita Secchi)

Tues 28th: Lago della Vacca unit - Magma emplacement, syn-intrusive deformation, high temperature shear zones, piecemeal pluton growth.

Wed 29th: Cornone de Blumone - Sub-volcanic magma feeder system, hornblende gabbro pegmatite, ultramafic cumulates, high-temperature contact metamorphism.

Thurs 30th: Listino Ring Structure - Intense syn-magmatic deformation, syn-plutonic mafic dykes (1 night Rifugio Gheza).

Fri 31st: Galliner granodiorite - undeformed core of Lago della Vacca unit, brecciated gabbros, large scale displacement of wall rocks (1 night: Rifugio di Passo Croce Domini).

Sat 1st Sept: Return to Bergamo Airport

Details

Terrain: Is rough and requires a high level of fitness, as transport in the field is on foot and hiking between refuges.

Accommodation: 6 nights in Alpine refuges. Full board, to include breakfast, packed lunch and dinner. Bunk-bed accommodation in shared dormitories. Sleeping bag required in some refuges.

Cost:

£450 academic
£350 student

Spaces: Limited to 15 participants.

Transport: Participants need to make their own way to Bergamo airport (also known as Milano-Orio al Serio (BGY). Served by Ryanair from several UK cities), where they will be met and transported to the field by minibus.

Other info: Two-three mini-bus volunteer drivers required.

Please contact Jon Blundy (jon.blundy@bristol.ac.uk, 0117 954 5447) to express interest in trip and to receive further information.