

Dear Colleague,

I would like to invite you to the Swiss Tectonics Studies Group Excursion for 2010:

THE STRUCTURE OF DEEP MARGINS AND OCEAN-CONTINENT TRANSITIONS IN THE ALPS OF SE-SWITZERLAND

Dates: (27 – evening arrival) 28 – 30. August 2010

to be lead in the field by **Gianreto Manatschal** (Prof. Tectonics, IPGS-EOST Strasbourg)

A detailed program prepared by Gianreto is attached as a PDF.

As stated in the program, the excursion will start early on the 28th and it is expected that you will already overnight in Pontresina on the 27th.

Please note that a helicopter flight and walking in high Alpine conditions are involved.

Registration deadline: 18th July 09 (registration at mancktelow@erdw.ethz.ch)

However, please register as soon as possible to aid us in planning and if we are forced to limit numbers, it will be on a first come first served basis!

Transport: Please let me know when you register whether you will bring your own vehicle and how many places you may have free. We will organize a Europcar bus for those using public transport and costs of hire and diesel will be simply shared – probably on the order of CHF 50. Please indicate if you need a place in the bus when you register.

Helicopter flight: The cost of this is estimated at a maximum of CHF 150 per person to cover the two flights up and down, as well as the transfer to and from Samedan. Again the final cost will simply be shared among the participants, but this should be sufficient.

Accommodation: You can arrange your own accommodation or alternatively (and preferably from a social point of view) I will reserve space in the Youth Hostel in Pontresina, which is almost certainly the cheapest solution. We are fortunately in the low season. I have attached a PDF of the price list. When registering, please indicate whether you would accept a 6, 4, 3, 2 or single bed (see price list) and I will reserve accordingly.

Looking forward to seeing you all on the excursion! Best regards, Neil Mancktelow

FIELD TRIP TO STUDY
**THE STRUCTURE OF DEEP MARGINS AND OCEAN-CONTINENT
TRANSITIONS IN THE ALPS OF SE-SWITZERLAND**

Field leader

Gianreto Manatschal

(Prof. Tectonics, IPGS-EOST Strasbourg)

manatschal@illite.u-strasbg.fr

Where: SE Switzerland/N Italy

When: 28 to 30 August 2010

Duration: 3 days

Aim of the field trips:

The 3 field trips will focus on the tectonic evolution of the Adriatic margin and its reactivation preserved in the Austroalpine and South Penninic units in the Alps in SE-Switzerland. We will visit the proximal and distal margin and the ocean continent transition (OCT) exposed in the Ortler, Bernina, Err and Platta nappes. During the 3 field trips, we will visit exceptional outcrops that document the processes leading to the opening and subsequent closure of the northern Alpine Tethys oceanic domain.

General information about safety and equipment:

Participation on the excursion is at the **participant's own risk** and you should see to your own insurance (e.g. Rega). Since excursions 1 and 3 involve walking in steep mountainous terrain (strenuous, but not dangerous) at high altitude (up to 3000 m above sea level), adequate mountain gear is necessary. In particular, **mountain boots, warm clothes, and some wet weather gear are obligatory**. If the weather conditions are bad we will change the order of the excursions or organize alternative excursions. All field trips are amenable to everyone in a good state of health and who are used to walking mountainous terrains.

Accommodation: SEE INFORMATION PROVIDED BY NEIL

Program

Friday 27 of August 2010:

Travel to the Engadin and overnight in Pontresina

Saturday 28 of August 2010

Excursion 1 (Distal Adriatic margin: Err nappe)

- 07:00 – 07:45 Breakfast
- 08 :00 Driving to Julier Pass and helicopter flight to the Err detachment
- Arrival at the Err detachment 9:30 to 10:00 (study of detachment structures)
- Lunch on the Err detachment with nice panorama over the eastern Alps
- Flight back to Fuorcla Cotschna: (stratigraphy and syn-rift architecture of the distal margin) and walk back to Julier Pass
- 18:00 Return to Pontresina
- Joint dinner 19:00

Sunday 29 of August 2010

Excursion 2 (proximal margin and necking zone: Il Motto/Livigno and Bernina/Val dal Fain)

- 07:00 – 07:45 Breakfast
- 08 :00 Driving to Il Motto/Livigno
- Arrival in the field area and walk to La Paré (Panorama and study of the rift structures and related sedimentary and stratigraphic evolution of the proximal margin and its subsequent reactivation during Late Cretaceous compression)
- Lunch in the field
- Return to Bernina Pass (Panorama and different outcrops documenting the thinning stage of the margin)
- Return to Pontresina and joint dinner 19:00

Monday 30 of August 2010

Excursion 3 (Zone of Exhumed Mantle: Platta nappe)

- 07:00 – 07:45 Breakfast
- 08 :00 Drive to Alp Flix
- Arrival in Alp Flix at about 9:30
- Walking to Falotta (exhumed mantle and relation to magmatic and sedimentary cover and panoramic view across the Alps; discussion of the rift structures and the architecture of the rifted margin and its importance during subsequent reactivation, subduction and compression)
- Lunch on exhumed mantle
- Walk back to Alp Flix
- End of excursion (at about 16:00)

ÜBERNACHTUNG inklusive Frühstücksbuffet und Bettwäsche

NUITÉE y compris buffet de petit déjeuner et draps

OVERNIGHT including breakfast buffet and bed linen

MITGLIEDERPREISE
PRIX POUR MEMBRE | MEMBER PRICES

¹NICHT-MITGLIEDERPREISE
¹PRIX POUR NON-MEMBRE | NON-MEMBER PRICES

	HOCHSAISON		NEBENSAISON		HOCHSAISON		NEBENSAISON	
	HAUTE SAISON	HIGH SEASON	BASSE SAISON	LOW SEASON	HAUTE SAISON	HIGH SEASON	BASSE SAISON	LOW SEASON
	01.01.–05.04.2010	17.07.–21.08.2010	06.04.–16.07.2010	22.08.–17.12.2010	01.01.–05.04.2010	17.07.–21.08.2010	06.04.–16.07.2010	22.08.–17.12.2010
	18.12.–31.12.2010				18.12.–31.12.2010			
	CHF	€	CHF	€	CHF	€	CHF	€
6-Bett Zimmer Chambre à 6 lits Room with 6 beds	55.00	36.40	38.00	25.20	61.00	40.40	44.00	29.10
4-Bett Zimmer Chambre à 4 lits Room with 4 beds	65.00	43.10	48.00	31.80	71.00	47.00	54.00	35.80
3-Bett Zimmer Chambre à 3 lits Room with 3 beds	70.00	46.40	53.00	35.10	76.00	50.30	59.00	39.10
2-Bett Zimmer Chambre à 2 lits Room with 2 beds	79.00	52.30	62.00	41.10	85.00	56.30	68.00	45.00
Einzelzimmer Chambre individuelle Single room	100.50	66.60	83.50	55.30	106.50	70.50	89.50	59.30

MAHLZEITEN | REPAS | MEALS

Frühstücksbuffet | Buffet de petit déjeuner | Breakfast buffet

inkl. inkl. inkl. inkl. inkl. inkl. inkl. inkl.

Mittagessen auf Anfrage | Repas de midi sur demande | Lunch on request

14.50 9.60 **14.50** 9.60 **14.50** 9.60 **14.50** 9.60

Abendessen (3-Gang-Menu) | Repas su soir (menu à 3 plats) | Evening meal (3-course menu)

inkl. inkl. **14.50** 9.60 **inkl.** **inkl.** **14.50** 9.60

Lunchpaket auf Anfrage | Lunch à emporter sur demande | Packed lunch on request

8.50 5.60 **8.50** 5.60 **8.50** 5.60 **8.50** 5.60

EXTRAS

Leerbett im 6-Bettzimmer | Lit libre en chambre à 6 lits | Free bed in room with 6 beds

18.00 11.90 **16.00** 10.60 **18.00** 11.90 **16.00** 10.60

 **Freiwillige CO₂-Kompensation** | Compensation CO₂ volontaire | Voluntary CO₂-compensation

0.50 0.30 **0.50** 0.30 **0.50** 0.30 **0.50** 0.30

GANZES JAHR OFFEN | OUVERT TOUTE L'ANNÉE | OPEN ALL YEAR

Preisangaben pro Person, inklusive MwSt und Kurtaxe (Sommer CHF 3.35, Winter CHF 3.50) | Indications de prix par personne, TVA et taxe de séjour (été CHF 3.35, hiver CHF 3.50) comprise |

Price indications per person, VAT and tourism tax (summer CHF 3.35, winter CHF 3.50) included

Kinder bis 2 Jahre gratis, von 2–5 Jahren 50% des Preises, ab 6 Jahren 100% (mögliche Preisabweichung auf Grund der Kurtaxe) | Enfants jusqu'à 2 ans gratuit, de 2–5 ans 50% du prix, dès 6 ans 100%

(Différence de prix est possible à cause des taxes de séjour) | Children under 2 years free, from 2–5 years 50% of the price, from 6 years 100% (Rate changes are possible due to tourism tax)

¹Tagesmitgliedschaft CHF 6.00, Familien CHF 12.00/Nacht, Gruppen: Spezialtarifen | ¹Carte de membre journalière CHF 6.00, familles CHF 12.00/nuît, Groupes: tarifs spéciales |

¹Day membership CHF 6.00, families CHF 12.00/night, Groups: special rates

Preisänderungen vorbehalten | Sous réserve des modifications | Rates are subject to change

Verrechnung aller Preise in € nach Tageskurs | Facturation et conversion de tous les prix en € selon le cours du jour | All rates in € are converted to daily currency rates

Publizierte Preise entsprechen dem Wechselkurs vom | Les prix publiés correspondent au cours de change du | The published rates are related to currency rates as of **12.11.2009** / € 1.00 = CHF 1.51