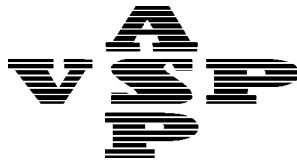


Schweiz. Vereinigung von Petroleum-
Geologen und –Ingenieuren

Association Suisse des Géologues et
Ingénieurs du Pétrole



Associazione Svizzera dei Geologi
e Ingegneri del Petrolio

Swiss Association of Petroleum
Geologists and Engineers

75th CONVENTION 2008

JUNE 21 - 23

Sion, Switzerland, Hotel des Vignes

PROGRAMME

Summary:

Saturday, June 21: Travel to Sion, Lunch at Hotel des Vignes

Afternoon: General assembly and scientific presentations

Afternoon: Partner's programme (Museum Martigny)

Evening: Cocktails and dinner

Sunday, June 22: Geological excursion to Zermatt and Gornergrat (3000 m).

Penninic pile of nappes documenting the transition Europe – Africa,
large-scale geological panorama and detailed study of outcrops.

Lunch at Riffelberg.

Walk to the Gorner glacier, explanations on the recent glacial
development.

Return to Hotels in Sion

Wine tasting and dinner at Château de Villa, Sierre

Monday, June 23: Geological excursion to Val d'Anniviers, Penninic nappes,
explanations of the panorama and examination of outcrops along the
Lac de Moiry.

Lunch at Lac de Moiry

Return to the Hotels in Sion

Detailed Programme

Saturday, June 21:

- 12.00h: Lunch at Hotel des Vignes (optional)
- 14.00h: General Assembly Hotel des Vignes (agenda will be available at the hotel).
- 14.30h: Scientific presentations (in English).
- Prof. Dr. Edi Kissling: "Deep structure and tectonics of the Valais - and the rest of the Alps".
 - Prof. Dr. Michel Marthaler: "The African Matterhorn; yes or no? A structural, geodynamical and paleogeographical overview".
- 16.00h: Coffee break.
- Prof. Dr. Martin Funk: "On the outburst of glacier dammed lakes: Gornersee, Valais, Switzerland".
 - René Graf (MS Physics ETH, Spectraseis Technologie AG, Zürich): "Passive low frequency spectral analysis: Exploring a new field in geophysics".
 - Dr. Bernhard Gunzenhauser: Details of the Excursions.
- 17.45h: End of meeting.
- 13.45h: **Partner's programme:** visit to the Fondation Pierre Gianadda (Offering among other: Museum, gallo-roman ruins and exposition, exposition Leonardo da Vinci, exposition Balthus) Martigny, guided tour to Balthus exhibition in English and German.
- 17.15h: Departure for Sion.
- 19.00h: Cocktails Hotel des Vignes (**sponsored by: Spectraseis Technologie AG, Zürich**).
- 20.00h: Official dinner Hotel des Vignes. Last train to Sion 23.27h.

Sunday, June 22:

- 07.45h: Departure for the Excursion to Zermatt. Because Zermatt is free of car traffic, we use the bus to Täsch and change to the train (Zermatt-Gotthard Bahn), which brings us to Zermatt. In Zermatt we change to the Gorner Grat Bahn GGB (two minutes walk) which brings us to the Gornergrat at 3090m altitude. Persons who are sensitive to this elevation can leave the train at Riffelberg station (where we will have lunch later on) and enjoy the breath-taking view from that location. Technical comments for the train: every person will receive a ticket, which can be used to interrupt the journey at any station. Please do not throw away this ticket once you have boarded the train (ticket needed to exit).
Fare for the trains: For holders of a "Halbtax" or "GA": please have your card with you, you will pay a lower price for the excursion. Please mark this fact in the registration.
- 10.30h: **Gornergrat walk:** We will study a profile along the crest for about 400 m length (Ophiolites of the Zermatt-Saas Fee Zone, metamorphic Sediments of the Cime Blanche Nappe and the contact to the Mont

Fort Nappe marked by evaporites, all with tectonic contacts). This foot-path is narrow and there is not much space for large groups. For this reason we will split up into three groups, which will be lead by Prof. Michel Marthaler (E), Dr. Micha Schlup (E & F) and Prof. Stefan Schmid (E & D) respectively. In this place we need strict discipline in order to guarantee the safety of the participants and you are therefore required to stick to the group you are assigned to. There is a group 1 lead by Prof. Marthaler, which will start the walk first and which will later on descend to Riffelberg partly on foot in order to see some additional outcrops in the ophiolites of the Zermatt-Saas Fee-Zone. Members of this group must be experienced mountain-walkers, wearing good boots and be able to walk fast in difficult mountain terrain. If you like to participate in this group, please tick corresponding box in the registration (limited number of participants, first come first served!).

The other two groups will first look at the magnificent geology (by means of the Swiss hammer: binoculars), which will be thoroughly explained by the excursion guides (panorama Monte Rosa – Breithorn – Matterhorn).

- 11.50h: Departure of **group 1** by train to station Rothenboden, from there on foot to Riffelberg (walk of about 2.3 km, descent of 300 m), study of outcrops in the Zermatt-Saas Fee Zone.
- 12.40h: Departure of **groups 2 and 3** to Riffelberg by train.
- 13.00h: Lunch at Hotel Riffelberg, panorama of the western flank of the Zermatt Valley.
- 14.00h: Departure for Gagenhaupt, walk of 1.3 km, about level, glaciological panorama explained by Prof. Dr. Martin Funk and/or Dr. H.P. Holzhauser. Walk back to Riffelberg.
- 16.10h: Departure of train to Zermatt.
- 16.50h: Departure of train to Täsch.
- 17.10h: Return to the Hotel des Vignes/Castel by bus, estimated arrival time 18.30h.
- 19.30h: Wine tasting and Dinner Château de Villa in Sierre, see para 7. (transport by bus from both hotels).
The restaurant of the Hotel des Vignes will be closed on that evening. An alternative to Sierre (for the exhausted participants) will be the Restaurant de la Gare of St. Léonard, some 600 m from the hotel Les Vignes (bills to be settled individually). For participants lodging in the hotel Castel there exists a wide choice of restaurants close to the hotel.

Monday, June 23:

- 09.00h: Departure by bus to the Val d'Anniviers. Stop at the entrance of the Val d'Anniviers at les Pontis for general view and explanation of the panorama (Pontis Nappe, Siviez-Mischabel Nappe, fault pattern).
- 10.10h: Continuation of bus journey to Lac de Moiry, stop at the lake for examination of outcrops of calc-schists of the ophiolite-bearing Tsaté Nappe. Stop at the restaurant at Moiry dam for examination of the

- Mischabel section (small stroll of some 3 km, about level). Participants who do not join the walk can stay at the restaurant.
- 12.30h: Lunch at the Restaurant Moiry. This small restaurant can accommodate about 50 persons inside. If the weather is fine, we can also sit outside if the weather is bad we have to eat in shifts.
- 13.45h: Departure for more outcrops along the Lac de Moiry up to the end of the lake in order to see the typical gneiss of the Dent Blanche Nappe (touching Africa!).
- 15.30h: Departure from the restaurant Moiry, return to the Hotels in St. Léonard and Sion.

End of the Convention

GENERAL INFORMATION

1. Hotel

You are requested to make your own hotel reservation by means of the attached forms. You are equally requested to settle the hotel bill yourself at the latest on Monday. We are lodged in two hotels:

Hotel des Vignes in St. Léonard (5 km east of Sion, see map). Physically the hotel is located in the village of St. Léonard, which also appears on the topographical map. However, politically it belongs to the community of Uvrier-Sion and this fact explains the discrepancy between official address and topographical location. This is the main hotel for the convention, for the meals on Saturday, the General Assembly and the scientific presentations. It is a relatively luxurious hotel (4 stars) and the prices are accordingly (CHF 135.00 per person and night in double room and CHF 155.00 per person and night in single room, breakfast included). The hotel can lodge 86 persons on the basis of double rooms. Ample parking space is available. Reservations will be made on first come first served principle. The hotel is available already on Friday, 20.6.08, but not for the night Monday to Tuesday, 24.6.08. You are, therefore, requested to check out on Monday morning (cars and luggage can be left behind until the afternoon). If you like to stay in Sion for one further night, please refer to the hotel Castel. Please note that the Hotel des Vignes will charge you for cancelling your registration according to the following scheme: 4 weeks before the convention 50% and 2 weeks before the convention 100% of the price.

Hotel Castel, Sion: this three star hotel is of reasonable quality and located close to the centre of Sion town. 25 double/single rooms are reserved for our convention. The costs are CHF 70.00 per person and night in double room and CHF 110.00 per person and night in a single room. The prices include breakfast. The railway station is within 15 minutes walking distance (Taxis available). The hotel has ample parking space.

Commuting: There exists the problem of transfer to and from the Hotel des Vignes, which cannot be done on foot (ca. 5 km). Possibilities are: taxi, own car or railway. The train from Sion to St. Léonard leaves every hour (at xx.10h, travel time 4 minutes) and from St. Léonard to Sion also every hour (at xx.42, travel time 7 minutes). For orientation in Sion and St. Léonard please refer to the attached city maps. Walking distance from the railway station St. Léonard to the Hotel les Vignes is about 5 minutes. Additionally the bus for the excursions will stop at the hotel Castel on Saturday for the partner programme at 13.30h,

on Saturday afternoon at 18.00h, on Sunday morning at 07.30h, on Sunday evening at 18.20h/19.15h and on Monday at 08.45h and 16.30h.

How to reach Sion

Sion (The capital of the Canton Valais) is connected to the motorway system of Switzerland via the route Geneva - Montreux – Martigny - Sion. From the eastern part of Switzerland and Germany it pays to use the Lötschberg (car loaded on the train for crossing the pass) and join the Valais in Gampel (see map).

Sion is well connected to the Swiss railway system with frequent and rapid connections to the west (Lausanne, Geneva) to the north (via the Lötschberg to Bern and Zürich) and to the south (via the Simplon to Domodossola and Milano). Coming from the south and north you have to change train in Brig.

2. Bad weather programme :

If the weather is really bad, or the fog hinders the sight on Sunday, we will still travel to Zermatt and use the cable car to Furi (south of the village) where we will visit the glacier park. Then we walk to the Gornergratbahn station of Findelbach (1.5 km, about level) and use the train to Riffelberg, where we will have lunch as foreseen in the normal programme. Afterwards we will descend to Zermatt and visit the local museum and have a stroll in this quite picturesque village. Return to the hotel will be as stated in the normal programme. The Excursion on Monday will be carried out regardless of the weather conditions.

3. Field guides

Prof. Dr. Michel Marthaler, (Geographical Institute of the University of Lausanne VD). Prof. Marthaler has worked and published for many years on the Penninic realm. His most popular book is recommended:

„Le Cervin est-il africain?“ Editions L.E.P. Lausanne 2001,
and its translation into German by Matthias Geyer:

“Das Matterhorn aus Afrika, Die Entstehung der Alpen in der Erdgeschichte“, Ott Verlag Thun (2002), ISBN 3-7225-6768-8.

A translation to English is pending.

Prof Dr. Stefan Schmid, (chair of the Geological Institute of the University of Basel) has also worked for many years in the excursion area. Prof. Schmid is a member of the Committee of the VSP. He was awarded the Gustav-Steinmann Medal on 3.10. 2007 and on 7.11.2007 the “Humboldt Forschungspreis” by the German Alexander von Humboldt Foundation.

Prof. Dr. Martin Funk, (Head of the Section of Glaciology at the Laboratory of Hydraulics, Hydrology and Glaciology, VAW of the ETH) will present us the fascinating story of the glaciers in the area.

Dr. Hans-Peter Holzhauser (Glaciology)

Dr. Micha Schlup, Lausanne, assistant to Prof. Marthaler (Gornergrat)

Mrs. Lenka Koslik (Lac de Moiry)

4. Invitation for Student members of the VSP

The convention is for students an expensive trip. In order to promote participation of student members, the committee has decided to invite them free of charge with respect to the excursions, the official dinner on Saturday night and the convention fee. Student members are still required to pay the hotel, the journey to and from Sion plus the drinks. They are of course free to select other, cheaper accommodation if they so desire (own booking).

5. Sponsoring of Students of the university of Lausanne and Geneva (non VSP members)

The sponsoring of students, which was started in 2007, was a full success. For this reason the committee wishes to continue this programme also in 2008.

Considering the age distribution of our association, it would be highly desirable to increase the number of student members. Our conventions are, however, quite costly for a student budget and we know that several young members have not attended the excursions for this reason. The programme entails payment of the entire convention costs for students, except the travel to and from Sion. The students are, in turn, required to become members of the Association. **We would most appreciate your support** for this programme.

Payments can be made on the occasion of the registration for the next Convention to any bank account mentioned on the registration form. Please mention the reference "student sponsoring". The Committee pledges to use the funds in a well focused way and will report on this initiative at the General Assembly.

The committee thanks all members for their generous support. You help us assure the future of the VSP-ASP.

6. Dinner on Sunday evening at Château de Villa in Sierre

Our VSP member Pierre Stalder, who lives in the Valais, has organized a typical dinner in the Château de Villa in Sierre. This is a beautiful castle turned into a restaurant and oenotheca, where Valais specialties (food and wines) are served. The programme comprises wine tasting (Arvine and Heida, which are special white wines) and a typical dinner consisting of an Assiette Valaisanne (dried beef meat etc. and accompanied by Cornalin red wine) followed by raclette (with five types of cheese and accompanied by Fendant white wine) and finally a dessert (apricot sorbet with Apricontine liquor). This event certainly presents the Valais for its culinary characteristics very well. For obvious reasons it is recommended to use the bus for travelling to and from Sierre.

