

**Programme of the POST-PANCARDI field trip:  
Neogene alkaline basaltic volcanism in the Western Pannonian Basin**

**Sunday, 23 September 2001**

***8:00 Departure from Hotel Szieszta, Sopron by bus***

***In the morning: Ság Hill, Kissomlyó***

**Stop 1 Ság hill**

Spectacular journey into the inside of a composite basaltic volcano; phreatomagmatic pyroclastic products of the initial hydrovolcanic eruptions and the formation of a tuff ring; intercalations of strombolian magmatic explosive pyroclastic formations and the development of a single scoria cone within the tuff ring; volcanic products of lava fountaining – spatter deposits and clastogenetic lava flows; feeder dykes of the magmas; peperites; vent facies columnar jointed basalts; late stage lava lake rocks

**Stop 3 Kissomlyó**

Another spectacular journey into the inside of a basaltic volcano; primary and secondary volcanoclastic deposits in a tuff ring/maar volcano; formation and characteristics of pillow lava and peperite in a small basaltic volcano

***At noon: Snack at Kissomlyó***

***In the afternoon: the Balaton Highlands (Foot of Csobánc hill, Szentbékállá, Hegyestű)***

**Stop 5 Foot of Csobánc hill**

A quick panoramic view of the basaltic volcanoes (Tóti hill, Gulács, Badacsony)

**Stop 4 Szentbékállá**

A peculiar volcanic eruption product in the Pannonian Basin: characteristics of hydroclastic flow deposit; occurrence of wide range of xenoliths from the mantle and from the crust

**Stop 5 Hegyestű (“Sharp Needle”)**

Spectacular view to the basaltic volcanoes of the Balaton Highlands; columnar jointed basaltic lava lake rocks

***Wine tasting and dinner in Badacsonytomaj, at the foot of the Badacsony volcano***

***Travel back to Hotel Szieszta in Sopron; arrival time is about 22:00, or an accomodation can be arranged in the region***