

## **SIXTH EUROBRIDGE WORKSHOP**

### **THE FENNOSCANDIA-SARMATIA JUNCTION**

**September 5-11, 1998**

**Kiev, the Ukraine**

The annual workshop of 1998 will focus on the structure and evolution of the Archaean and Proterozoic crust in the transitional zone between the two major crustal segments of the East European Craton: Proterozoic Fennoscandia and Archaean Sarmatia. This zone was the site of a 2.0-Ga ocean-continent interface, Palaeoproterozoic collision and extension of the crust, extensive anorogenic magmatism, subsequent Mesoproterozoic rifting and Phanerozoic basin development. The named events and configurations appear to have defined many of the geophysical signatures from the lithosphere which have been recorded along the EUROBRIDGE transect.

#### **THE MAIN TOPICS TO BE DISCUSSED:**

1. Geophysical data from the EUROBRIDGE region with particular emphasis on the results of the EUROBRIDGE seismic profiling in 1996 and 1997. The previously executed Geotransect VI will be considered in its role as a continuation of EUROBRIDGE in southern Sarmatia,
2. Ages, structure and crustal development along the EUROBRIDGE transect and its surroundings,
3. The crustal and lithospheric structure of western Sarmatia and its metallogenic perspectives,
4. The role of anorogenic magmatism in the development of the crust and upper mantle in the western part of the East European Craton,
5. The influence of platformal geodynamics on geophysical characteristics of the lithosphere.

During the first 2-3 days the workshop will largely be organized as a poster session. Keynote talks will highlight aspects of the geodynamic and geological-geophysical interpretations of the Archaean and Proterozoic lithospheric structure, and will also demonstrate the principal current results of the different EUROBRIDGE working groups.

The workshop will include two geological excursions, one to the famous anorthosite-rapakivi 'Korosten' pluton with many mineralogical treasures, and another to the earliest Archaean granulites in Europe, close to the town of Vinnitsa.

#### **LOCATION:**

The workshop venue and the site of accommodation will be in the vicinity of Kiev, the capital of the Ukraine. We shall meet and stay in a recreation locality which has not yet been determined definitely.

#### **ABSTRACTS**

The participants are invited to submit abstracts in English of their oral and poster presentations. These abstract will be published in a special volume of the international "Geophysical Journal" (Overseas Publishers Association, Amsterdam B. V.). All contributors are encouraged to submit extended abstracts. Together with the figures and tables, these should not exceed four pages. The abstracts must be in a camera-ready format (A4) as follows: the printing area must not exceed 15 cm in width and 23 cm in height.

It is our intention to have this volume printed just in time for the workshop. It is therefore imperative that the abstracts are submitted not later than May 15th, 1998.

Two camera-ready, unfolded paper copies must be sent to Svetlana Bogdanova (address below).

#### **SCHEDULE AND DEADLINES**

April 1998 - Expression of interest to attend the workshop,  
 May 15, 1998 - Submission of the abstracts,

