



A Marie-Curie Research and Training Network funded by the 6th Framework Program of the EU-Commission

Coordination: Vrije Universiteit, Amsterdam;

Network teams at: Univ. Glasgow; ETH-Zürich; GFZ-Potsdam; CEREGE Aix-en-Provence; Univ. Bratislava; Univ. Hannover; CRPG Nancy; Univ. Utrecht

CRONUS-EU is an interdisciplinary consortium consisting of Earth scientists, particle physicists, and chemists aiming to advance terrestrial cosmogenic nuclide techniques in Europe into a robust tool for Earth surface and environmental sciences. The goal is the development of an internationally accepted protocol allowing accurate exposure age determinations that are consistent with the mature geochronometers currently available. *CRONUS-EU* will implement a series of multi-disciplinary studies aimed at improving the accuracy of ages obtained from cosmogenic isotopes. In doing this *CRONUS-EU* will train a community of future high quality scientists required to develop and apply the techniques. Training of young researchers will be achieved through laboratory secondments and specific training courses. *CRONUS-EU* is a partner initiative of *CRONUS-Earth* which is a research consortium that will be funded by NSF, that has similar overall scientific goals.

CRONUS-EU offers:

10 postdoc positions and **5 PhD-student positions**

for motivated young researchers with a background/interest in the fields of (geo-)chemistry, physics or Earth surface sciences.

The postdoc positions are funded for up to 3 years, the PhD positions for 3 years. The appointed researchers will work on diverse fields such as natural calibration sites, artificial production targets, nuclide cross calibration, numerical modeling, refinement of the ^{10}Be decay constant, and refinement of chemical routines. They will be trained in all relevant aspects of methodology and application of terrestrial cosmogenic nuclides.

For detailed job descriptions, with descriptions of tasks and required skills, and general information on *CRONUS-EU* please go to our website:

www.CRONUS-EU.net

The **deadline for applications** is 7th January 2005; **job-interviews** for all positions will take place 16-18 February 2005 at the VU- Amsterdam