

## 11<sup>th</sup> Swiss Geoscience Meeting

The Faculty of Geosciences and Environment of the University of Lausanne, the Musée Cantonal de Géologie, as well as the Swiss Academy of Sciences (SCNAT) cordially invite you to participate in the 11th Swiss Geoscience Meeting to be held on 15<sup>th</sup> and 16<sup>th</sup> November 2013 in Lausanne.

### Friday 15<sup>th</sup>,

the theme of the 11th Swiss Geoscience Meeting is "Cycles and Events in the Earth System" and five invited keynote speakers will illustrate the importance of stochastic events and recurrent mechanisms in shaping and changing the Earth and its biosphere. **Kurt Konhauser** of the University of Alberta at Edmonton will speak on the importance of biogeochemical cycles during the Precambrian and its impact on the evolution of the atmosphere and biosphere; **Angela Coe** of the Open University at Milton Keynes will discuss the importance of global oceanic anoxia during Earth's history and their impact on life and the environment; **Oliver Korup** of the University of Potsdam is going to present events and cycles in the Earth's sediment routing systems; **Bruce Yardley** from the University of Leeds will give his presentation on the changing nature of crustal processes and the role of fluids through orogenic cycles; **Peter Kelemen** from Columbia University will address issues pertaining to CO<sub>2</sub> capture and storage in the Earth's lower crust and mantle.

### Saturday 16<sup>th</sup>,

a series of scientific symposia will cover the diverse spectrum of current research in geoscience, encompassing the lithosphere, the hydrosphere, the cryosphere, the biosphere, the atmosphere and the anthroposphere.

The SGM also provides the ideal environment to foster informal contacts and discussion among scientists, in particular during the Swiss Geoscience Party on Friday evening but also at the poster sessions in the main hall of the venue on Saturday. Time is reserved for two poster sessions, at which the authors will be present for active discussion and feedback.

### CONTRIBUTIONS:

**Deadline for abstract submission is August 31<sup>st</sup>, 2013.**

Depending on the number and subject of abstracts submitted, proposed sessions may be merged or new ones created. Abstracts will be initially assigned to the session indicated by the authors at the time of abstract submission.

Abstracts should be submitted electronically following the instructions on the SGM2013 website <http://geoscience-meeting.scnatweb.ch/sgm2013>.

### REGISTRATION:

**Deadline for registration is Friday October 11<sup>th</sup>, 2013.**

Registration should preferably be done electronically following the instructions on the SGM2013 website. Registration fee is SFr. 55.- (SFr. 35.- for students /PhD students). An extra SFr 20.- will be charged for the Geoscience Party (SFr 15.- for students). Onsite registrations will be charged an extra CHF 20.-

### **SYMPOSIA at SGM 2013:**

We kindly invite you to submit abstracts for oral presentations or posters addressing the following subjects:

1. Structural Geology, Tectonics and Geodynamics
2. Mineralogy, Petrology, Geochemistry
3. Low-Temperature Isotope Geochemistry
4. Cycles and Events in Earth History
5. Alpine Geology
6. Stratigraphy in Switzerland - new data and developments
7. Palaeontology
8. Fossils and plate tectonic events: Oceanic and continental gateways, landbridges and the dispersal of biota
9. Environmental Biogeosciences
10. Biogeochemical cycles in a changing environment
11. Geophysics and Rockphysics
12. Shale-Gas, CO<sub>2</sub> Storage and Deep Geothermal Energy
13. Atmospheric predictability, phenology and seasonality
14. Cryospheric Sciences
15. Greenhouse Gases: Linkages between Biosphere and Climate
16. Phanerozoic Ocean and Climate History
17. Computational GIScience
18. Geoscience and Geoinformation - From data acquisition to modelling and visualisation
19. Earth System Science related Earth Observation
20. Quaternary environments: landscapes, climate, ecosystems, human activity during the past 2.6 million years
21. Scientific challenges for geoh heritage conservation and promotion in Switzerland
22. Geoscience Education in Museums and Exhibitions
23. Symposium in Human Geography
24. Sustainable Water Management – Scientific Findings from recent research
25. Limnological and hydro(geo)logical advances for mid-sized lakes as a water resource for the next century
26. Geomorphology
27. Fluxes of water, sediment and dissolved substances in geomorphologically active/changing environments

Detailed information on this venue can be found on:  
<http://geoscience-meeting.scnatweb.ch/sgm2013>

Looking forward to seeing you in Lausanne !  
The SGM 2013 Organizing Committee