

Winter School 2008 "e-Learning in the Environmental and Geosciences"

The third DAAD Winter School "e-Learning in the Environmental and Geosciences" will be held at the Freie Universität Berlin from Sunday, January 13 (day of arrival) to Sunday, January 27 (day of departure), 2008. The principal objective of this School will be to finish the content generated by all participants and to integrate it in the joint e-Learning environment for shared use (release of the web presence is planned in spring 2008).

The central topics of the forthcoming workshop will include:

- Conceptual enhancements and completion of our common e-Learning environment for the Geosciences by using a CMS;
- Advanced e-Learning knowledge, skills and techniques;
- Quality in e-Learning and Quality Development of the joint e-Learning web presence;
- e-Learning Didactics and Improvement of the joint e-Learning web presence;
- Dealing with Web 2.0 /e-Learning 2.0 and discovering its possibilities
- Basic tools for future networking and exchange of e-learning modules (incl. materials, didactics and techniques);
- Latest developments in Environmental and Geoscientific Research, principally by the Department of Earth Sciences at the Freie Universität Berlin

The conference language will be English. The total number of participants will be approximately 25 earth science educators from diverse countries. The DAAD Alumni are coming from Ethiopia, Cameroon, Botswana, Kenya, Sudan, Tunisia, Mongolia, China, Taiwan, Vietnam, Argentina, Chile, Ecuador, Cuba and other countries.

The structure of the third Winter School "e-Learning in the Environmental and Geosciences" will again include a mix of plenary sessions and project-oriented group work, with emphasis on the latter. In the plenary sessions experts will present various aspects of e-learning, followed by discussions. The practical training includes computer sessions with CMS, interactive items and podcasting and is largely supported by tutors. The results of the Winter School – in the form of e-learning projects designed and created by five groups (see programme below) - will be made available on the Internet so that participants can use and develop them further.

For further information see: <http://www.geog.fu-berlin.de/~geolearning/>

The Winter School will take place Monday through Friday at:

Freie Universität Berlin
Department of Earth Sciences
Institute of Geographical Sciences
Malteserstr. 74-100, Building G
12249 Berlin

Rooms
G110 (Morning, 9:00 a.m. – 1:00 p.m.)
G108 (Afternoon, 2:00 p.m. – 6:00 p.m).

Here is the provisional programme:

Preliminary Programme (without announced breaks):

| Date, Time | Programme | Place |
|---|---|-----------------|
| Day 1: Sunday, 13 January 2008 | | |
| • During the day | • Winter School participants arrive | |
| • 18:00-? | • Ice-Breaker – Welcome, Introductions, Snacks and Drinks hosted by Prof. Dr. Christoph Heubeck and Prof. Dr. Brigitta Schütt (conveners, Dept of Earth Sciences, FU Berlin), Denise Gücker (e-Learning coordinator at the Dept of Earth Sciences, FU Berlin), Anette Stumptner (Dept of Earth Sciences, FU Berlin) | Restau- rant |
| Day 2: Monday, 14 January 2008 | | |
| • 9:00-10:00 • 10:00-10:45 • 10:45-11:00 • 11:00-13:00 | • Introduction to the Winter School: Background, concept, objectives, schedule, contents, logistics (Prof. Dr. C. Heubeck, Denise Gücker, Anette Stumptner / Dept of Earth Sciences, FU Berlin) • Round of Introductions (old and new participants) • Welcome Address (Prof. Dr. Ulrich Cubasch / Dean, Dept of Earth Sciences, FU Berlin); • Keynote: Quality in e-Learning - Moving from control to culture and innovation (Dr. Ulf-Daniel Ehlers, Information Systems for Production and Operations Management, University of Duisburg-Essen / Vice President European Foundation for Quality in eLearning) (Presenter: Prof. Dr. C. Heubeck / Dept of Earth Sciences, FU Berlin) | G110 |
| • 14:00-15:30 • 15:30-16:00 • 16:00-18:00 | • Keynote: Potential and limits of new media in learning and teaching from a didactical point of view (Prof. Dr. Karsten Wolf, Didactical Design of Interactive Learning Environments / University of Bremen) (Presenter: Prof. Dr. C. Heubeck / Dept of Earth Sciences, FU Berlin) • Greetings and outlook (Dr. Hanns Sylvester, head of group 43 – Development cooperation, DAAD Bonn) • Update: project presentations of the Winter School participants followed by plenary discussion | G110 |
| Day 3: Tuesday, 15 January 2008 | | |
| • 9:00-11:00 • 11:00-13:00 | • Plenary discussion and group discussions followed by practical work (with support by tutors): Identification and definition of shared e-Learning measures; Outcome: concept development and workflow of the five thematic groups for this workshop (objectives, main focus, distribution of responsibilities) (Chair: Prof. Dr. B. Schütt / Dept of Earth Sciences, FU Berlin) • Practical work: Project work. Participants work independently on their own e-learning projects (with support by tutors) | G110 |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 4: Wednesday, 16 January 2008 | | |
| • 9:00-10:00 • 10:00-11:00 • 11:00-13:00 | • e-Learning 2.0: What is social software and what does this mean for teaching? Definition and examples of Wikis, Blogs und Mediacasts (Stefan Cordes and Ahmet Acar / CeDiS, FU Berlin) • First-hand experiences with Blogs and Wikis in teaching (Dr. D. Mertmann and Prof. Dr. C. Heubeck / Dept of Earth Sciences, FU Berlin) • Introduction: Producing a Podcast (Norbert Hermann / OWL, Technical University Berlin) (Presenter: Denise Gücker / Dept of Earth Sciences, FU Berlin) | G110 |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 5: Thursday, 17 January 2008 | | |
| • 9:00-13:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G110 |
| • 14:00-18:00 | • Workshop: Producing a Podcast (Norbert Hermann / OWL, Technical University Berlin, Denise Gücker, Anette Stumptner and tutors of the Winter School) | G108 |

Provisional Programme (contd.) (without announced breaks):

| Date, Time | Programme | Place |
|---|---|-----------|
| Day 6: Friday, 18 January 2008 | | |
| • 9:00-13:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G110 |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 7: Saturday, 19 January 2008 | | |
| | • The computer pools of the Dept of Earth Sciences are open to participants for independent work on their projects (with support by tutors). This is a do-as-you-like day for Winter School participants! | G108 |
| Day 8: Sunday, 20 January 2008 | | |
| • 10:00-12:00 | • Workshop: Integration of the e-learning content produced by the winter school participants in our teaching: Developing suggestions and examples of use by each group (Input and coaching by Prof. Dr. C. Heubeck and A. Stumptner, FU Berlin) | G110 |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 9: Monday, 21 January 2008 | | |
| • 9:00-13:00 | • Interim reports: Winter School participants present their project work; exchange of experiences. | G110 |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences, FU Berlin. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 10: Tuesday, 22 January 2008 | | |
| • 9:00-13:00 | • Practical experiences with Blended Learning at the Humboldt University Berlin. Visit to other Departments of Natural Science. (Dr. Barbara Wick and Dr. Dieter Horlacher, Faculty of Agriculture and Horticulture / Humboldt University Berlin) | HU Berlin |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |
| Day 11: Wednesday, 23 January 2008 | | |
| • 10:00-? | • Tour of Potsdam incl. visit to the GeoForschungsZentrum (GFZ) and the Potsdam Institute for Climate Impact Research (PIK, <i>not yet confirmed</i>) (Prof. Dr. C. Heubeck, Denise Gücker, Anette Stumptner and Jan Moritz Krüger / Dept of Earth Sciences, FU Berlin), optional get-together lunch | Potsdam |
| Day 12: Thursday, 24 January 2008 | | |
| • 9:00-9:30 • 9:30-11:00 | • Organisational issues • The concept of Open Access and Open Publishing in journals and repositories (Dr. Katja Mruck and Dr. Günter Mey / CeDiS, FU Berlin) (Presenter: Denise Gücker / Dept of Earth Sciences, FU Berlin) | G110 |
| • 11:00-13:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | |
| • 14:00-18:00 | • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) | G108 |

Provisional Programme (contd.) (without announced breaks):

| Date, Time | Programme | Place |
|---|---|---------------|
| Day 13: Friday, 25 January 2008 | | |
| <ul style="list-style-type: none"> • 9:00-12:00 • 12:00-13:00 | <ul style="list-style-type: none"> • Practical work: Project work in the computer pools of the Dept of Earth Sciences. Participants work independently on their own e-learning projects (with support by tutors) • Evaluation of the Winter School: Project presentations, expectations and achievements; closing remarks (with Voting System by Gerald Haese / CeDiS, FU Berlin) (Presenter: Prof. Dr. C. Heubeck and Prof. Dr. B. Schütt / Dept of Earth Sciences, FU Berlin) | G110 |
| <ul style="list-style-type: none"> • 15:00-Open end | Closing Event: Buffet incl. short talks and discussion about future prospects for the GeoLearning-Network with representatives of the <ul style="list-style-type: none"> • CeDiS, FU Berlin (Dr. Apostolopoulos: The future of e-Learning) • Dept of Earth Sciences, FU Berlin (Prof. Dr. C. Heubeck and Prof. Dr. B. Schütt) • Final report: Winter School participants present their common GeoLearning environment (Chair: Prof. Dr. C. Heubeck / Dept of Earth Sciences, FU Berlin) | Villa Valiosa |
| Day 14: Saturday, 26 January 2008 | | |
| | <ul style="list-style-type: none"> • This is a do-as-you-like day for Winter School participants! Sightseeing in Berlin and get-together. The computer pools of the Dept of Earth Sciences are open to participants for independent work on their projects (with support by tutors). (Prof. Dr. C. Heubeck and staff / Dept of Earth Sciences, FU Berlin) | |
| Day 15: Sunday, 27 January 2008 | | |
| <ul style="list-style-type: none"> • During the day | <ul style="list-style-type: none"> • Departure of Winter School participants | |