Registration UMH IV
11.9.–16.9.2005
online registration preferred:
http://www.geo.tu-freiberg.de/umh/Registration.htm

Last name

First name

Institution

Street

Postal Code, City

Country

Phone

Fax

Email

Hiermit melde ich mich verbindlich zu o.g. Veranstaltung an

Date, Signature

Member of cooperative organization □

I want to present a

paper on UMH IV topics □

poster on UMH IV topics □

further information on short courses, workshops, field trips and accompanying persons program can be found at our homepage http://www.geo.tu-freiberg.de/umh

UMH IV in cooperation with

International Mine Water Association (IMWA)

Saxonian State Ministry of Environment and Agriculture (SMUL)

Saxonian State Authority for Environment and Geology (LfUG)

International Atomic Energy Agency (IAEA)

International Association of Hydrogeologists (IAH)

Society for Geoscience (GGW)

Society for Environmental Geoscience (GUG)

Geokompetenzzentrum Freiberg e.V.

Deutsche Forschungsgemeinschaft (DFG)

TU Bergakademie Freiberg

International Conference 2005

Uranium Mining and Hydrogeology
UMH IV

11.9.–16.9.2005

About Freiberg

Freiberg is located 240 km south of Berlin, 45 km south of Dresden and inspires visitors with an impressive Medieval time city and over 800 years of tradition in silver and metal mining. One of the oldest mining academies was founded here in 1765. Nowadays the Technical University has 4,300 students, thus being an important Geocenter in Germany and Europe.

1st Call

TU Bergakademie Freiberg/Germany
Department for Geology, Chair of Hydrogeology
Conference Chair: Broder J. Merkel

Technische Universität Bergakademie Freiberg
About Uranium Mining and Hydrogeology

In October 1995 the first international conference on Uranium Mining and Hydrogeology (UMH I) was held in Freiberg. Due to the large scientific interest in this topic a second conference (UMH II) took place in September 1998. Uranium Mining and Hydrogeology III (UMH III) happened in September 2002.

The conference addresses scientists and engineers working in the mining and rehabilitation business. The focus of the conference is on uranium mining and milling sites, mining sites with considerable amount of uranium and radionuclides as by-products e.g. phosphate production, abandoned mines, clean up measures, natural attenuation, monitoring measures, modeling techniques, and risk assessment studies.

Conference Program

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Sun. 11.9.2005  short-courses

Mon. 12.9. to  parallel sessions
Wed. 14.9.2005  summarized by 3 workshops

Thu. 15.9. to  field trips to Freiberg
Fr. 16.9.2005

Accompanying persons program include sight seeing in Freiberg, Dresden and a visit of Freiberg’s ancient silver mine.

Conference Topics

- Sensors for in-situ monitoring of uranium and related elements
- Analytical speciation techniques for uranium and related elements
- Chemical toxicity of uranium
- Microbiology of uranium
- Thermodynamic and kinetical modeling
- Active and passive water treatment techniques
- Active and passive soil treatment techniques
- Phytoremediation
- In situ leaching of uranium ores
- Risk assessment studies (e.g. long term aspects of waste rock piles and tailings)
- Case studies: active and abandoned uranium mines
- Case studies: elevated uranium in groundwater without uranium mining impact
- Case studies: mining activities with uranium as side product / problem

Deadlines

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<tr>
<td>14.1.2005</td>
<td>submitting abstracts</td>
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Conference Fees

- payment until 30. June 2005: Euro 200
- payment 1. July 2005 and later: Euro 250
- students (incl. Conf. Proceedings): Euro 80
- members of IMWA, IAEA, IAH, FH-DGG, GGW, GUG, GKZ before June 2005: Euro 150
- after June 2005: Euro 200
- members of TU Bergakademie Freiberg: free
- exhibitors (10m² incl.1 person): Euro 250

Contact

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