

# 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)



Geokompetenzentrum Freiberg e.V.



Deutsche Forschungsgemeinschaft (DFG)



TU Bergakademie Freiberg

## 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.

## International Conference 2005

# Uranium Mining and Hydrogeology UMH IV

11.9.–16.9.2005



## 1<sup>st</sup> Call

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



## 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

---

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  
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 kinetic modeling
- ✓ Active and passive water treatment techniques
- ✓ Active and passive soil treatment techniques
- ✓ Phytoremediation
- ✓ Insitu 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

- 14.1.2005 submitting abstracts
- 28.2.2005 notification of acceptance
- 15.4.2005 2<sup>nd</sup> circular & preliminary programme
- 15.5.2005 camera ready papers
- 30.6.2005 end of early bird payment

## 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 (no Conference Proceedings)	free
exhibitors (10m <sup>2</sup> incl. 1 person)	Euro 250

## Contact

TU Bergakademie Freiberg  
Department for Geology  
Mrs. Dipl.-Geol. Andrea Hasche  
Gustav-Zeuner-Straße 12, 09596 Freiberg

Phone: +49-3731-39-3309

Fax: +49-3731-39-2720

Email: [umh@geo.tu-freiberg.de](mailto:umh@geo.tu-freiberg.de)

<http://www.geo.tu-freiberg.de/umh/>