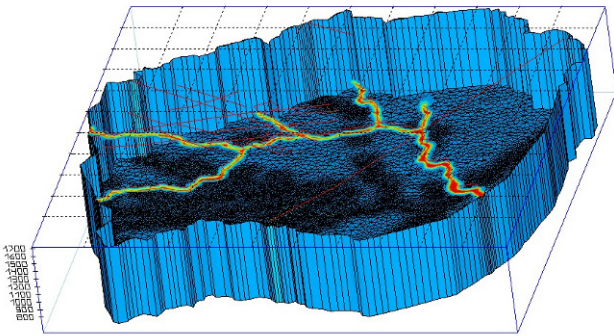


11th Freiberg Forum on Geoinformation Technology



2D and 3D Technologies in Practice

Freiberg, 20th June 2013

Technische Universität Bergakademie Freiberg

in collaboration with



LANDESAMT FÜR UMWELT,
LANDWIRTSCHAFT
UND GEOLOGIE



Topics

The focus of the 2013 event is set on the topic
2D and 3D Technologies in Practice

- with the topics:
- Geology,
 - Resource management,
 - Data integration,
 - Projects,
 - New developments.

We are looking forward to an **exchange of experiences** between:

- Designers,
- Developers,
- Users,
- Providers,
- Education and Research,
- Public Service

Registration

By mail: TU Bergakademie Freiberg
Institut für Geophysik und Geoinformatik
c/o Dorothee Heidrich
Gustav-Zeuner-Str.12, 09596 Freiberg (Sachsen)

By fax: +49-3731-392636

By e-mail: forum.git@tu-freiberg.de

Cancellation fee

Before 13 th June	50%
After 13 th June	100%

Registration

Herewith, I am registering for the 11th Freiberg Forum on Geoinformation Technology:

- Registration fee
- Oral contribution0 €
 - Normal registration110 €
 - Students50 €

Registration for Booth at company exhibition

- Booth (incl. one participant)110 €

We still offer the option to present a Poster

- I want to present a poster with the title
.....
.....
.....
- Please send me more information.

Name, Title:
Institution:
.....
Address:
City:
Phone.....
Fax:
E-mail:

Date:Signature:

We send you an invoice about your conference fee.
The conference fee covers the conference documents
(printed version of the presentations) and a small snack.

Programme

- 09:00 **Opening & Welcome**
- 09:10 [Michael R. Alvers](#), Christian Plonka,
Sabine Schmidt, Liliana Barrio-Alvers,
Michael Schroeder
- A NEW CONCEPT FOR SEMI-AUTOMATED
TOPOLOGY-CONSERVING GEOMETRY
OPTIMIZATION OF VOXELIZED TRIANGLE
MODELS BY MEANS OF COVARIANCE-
MATRIX-ADOPTION EVOLUTION-
STRATEGIES
- 09:40 [Rouwen J. Lehné](#), Christian Hoselmann,
Andreas Hoppe, Heiner Heggemann
- ERSTELLUNG EINES VOXELBASIERTEN
GEOLOGISCHEN 3D-MODELLS FÜR DEN
NÖRDLICHEN OBERRHEINGRABEN
- 10:10 [Helmut Schaeben](#)
- MATHEMATISCHE MODELLE DER
POTENTIAL PROGNOSE
- 10:40 **Coffee Break**
- 11:10 [Dorit Kerschke](#), Maik Schilling, Andreas Simon,
Joachim Wächter
- BRANDENBURG 3D – A COMPREHENSIVE
3D SUBSURFACE MODEL, CONCEPTION OF
AN INFRASTRUCTURE NODE AND A WEB
APPLICATION
- 11:40 [Mathias Hübschmann](#), Sven Etzold,
Bernd Torchala
- ERZEUGUNG, SPEICHERUNG UND
VISUALISIERUNG HYDROGEOLOGISCHER
3D-DATEN FÜR DEN FREISTAAT SACHSEN
- 12:10 [Grace L. Nassuna](#), Frank Schmidt
- GEOLOGICAL DATA AND INFORMATION
MANAGEMENT IN UGANDA
- 12:40 **Lunch Break**
- 14:00 [Silke Noack](#), Andreas Knobloch, Sven Etzold,
Andreas Barth
- ADVANGEO® PREDICTON SOFTWARE 2.0
& ADVANGEO® MINERALS:
LAGERSTÄTTENPROGNOSE MIT
KÜNSTLICHEN NEURONALEN NETZEN UND
ARCGIS 10
- 14:30 [Paul Gabriel](#), Jan Gietzel
- GEOSCIENCE IN SPACE AND TIME
- 15:00 [Jana Börner](#), Ines Görz, Björn Zehner,
Klaus Spitzer
- ELEKTROMAGNETISCHE FINITE-
ELEMENTE-SIMULATIONSRECHNUNGEN
AUF BASIS REALISTISCHER 3D-
GEOMETRIE-MODELLE
- 15:30 **Conclusion & Closing Words**
- 16:00 **Virtual Reality Visualisation**
- [Björn Zehner](#), Jana Börner, Bernhard Jung
- VIRTUAL REALITY VISUALISIERUNG
ELEKTROMAGNETISCHER FELDER ÜBER
EINEM SALZSTOCK
- (In the cave of the Institute for Informatics,
Bernhard-von-Cotta-Str. 2)

Miscellaneous

Event Date & Time

20th June 2013, 9 a.m. – 4 p.m.

Venue Address

Institute for Geophysics and Geoinformatics
Lecture Hall MEI-0080 (Geophysics)
Otto-Meißner-Building
TU Bergakademie Freiberg
Gustav-Zeuner-Straße 12
09599 Freiberg (Sachsen)
Phone: +49-3731-393297 (Secretariat)
Fax: +49-3731-392636
E-mail: forum.git@tu-freiberg.de
Internet: <http://tu-freiberg.de/fakult3/forum-git>

Travel information

By air: Dresden airport, express train to Dresden main
station and further to Freiberg.
By train: Freiberg main station
By car: A4 exit Siebenlehn (No. 75) and from there via
the B101 to Freiberg.

Location plan under:

<http://campusgis.geo.tu-freiberg.de/webgis/frontend/>

Accommodation reservation

Please contact:
Freiberg City Reservation Centre
Obermarkt 24
09599 Freiberg
Phone: +49-3731-273266
Fax: +49-3731-273260
E-Mail: fva@freiberg.de
Web: <http://www.freiberg.de>