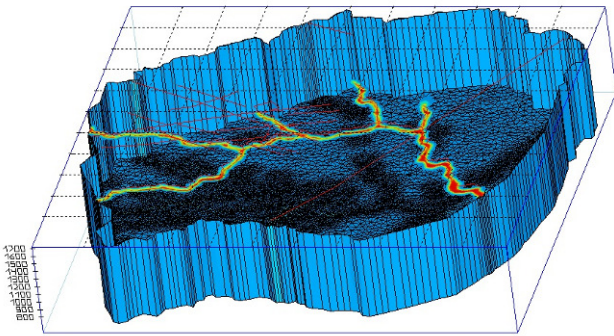


11th Freiberg Forum on Geoinformation Technology



2D and 3D Technologies in Practice

www.pixelio.de

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, and Liliana Barrio-Alvers
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, Anders Hoppe, Heiner Heggemann
ERSTELLUNG EINES VOXELBASIERTEN GEOLOGISCHEN 3D-MODELLS FÜR DEN NÖRDLICHEN OBERRHEINGRABEN
- 10:10 [Hannah Budde](#), Christian Hoselmann, Rouwen J. Lehné, Heiner Heggemann, Anders Hoppe
MULTIKRITERIEN-ANSATZ ZUR GEOLOGISCHEN 3D-MODELLIERUNG VON STRATIGRAPHISCHEN ZIELHORIZONTEN IN DER UNTERMAINEBENE
- 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® 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, Helmut Schaeben, Klaus Spitzer
ELEKTROMAGNETISCHE FINITE-ELEMENTE-SIMULATIONSRECHNUNGEN AUF BASIS REALISTISCHER 3D-GEOMETRIE-MODELLE
- 15:30 [Jana Börner](#), Ines Görz, Bernhard Jung, Björn Zehner
VIRTUAL REALITY VISUALISIERUNG ELEKTROMAGNETISCHER FELDER ÜBER EINEM SALZSTOCK
- 16:00 **Conclusion & Closing Words**

Miscellaneous

Event Date & Time

20th June 2013, 9 a.m. – 4 p.m.

Venue Address

TU Bergakademie Freiberg,
Lecture Hall MEI0080 (Geophysics)
Otto-Meisser-Building
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>