



Middle East Europe meeting

Thursday March 13th, 2014 in Freiberg (Germany)

The **Code_Aster Professional Network** organizes a meeting for members of the Community Code_Aster Open source and Salomé Méca from **Germany, Poland, Austria, Hungary, Switzerland, Czech Republic, Romania** ... and other European countries (conference language english).

This meeting will be held at the **TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG**. Thanks to the hospitality of **Dr. Nandor TAMASKOVICS** from Geotechnical Institute.

GOALS OF THE MEETING FREE OF CHARGE

This meeting aims to connect for experience feedback and multilateral exchanges between:

- Teams of industrial organizations;**
- Academic teams** committed to teaching and researching;
- Services providers** for Code_Aster Open source.

PROVISIONAL AGENDA

PLENARY MEETING **THURSDAY, MARCH 13TH, 2014** **10 a.m. to 5 p.m.**

Auditorium Helmut-Härtig-Bau HHB-1035

Coffee breaks and lunch buffet for multi lateral exchanges

- Introduction** **½ hour**
Welcome of Freiberg University
25 years of Code_Aster development and **12 years** with Open source distribution
- Workshop teaching** **¾ hour**
Tutorials – books – training sessions – new tools for student practice
- Workshop development** **¾ hour**
PhD thesis – forge tools – cooperative projects for R&D
- Workshop quality** **½ hour**
V and V proof – ProNet's quality documents
- Workshop industrial feedback** **¾ hour**
Feedback on supercomputing – examples of industrial practice
- Round table and discussions** **¾ hour**

OPTIONAL DINNER **THURSDAY, MARCH 13TH, 2014 EVENING**

OPTIONAL INITIATION SESSION **FRIDAY, MARCH 14TH, 2014** **9 a.m. to 4 p.m.**

Previsional Agenda in the back

Registration before March 1st (see registration form)



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REGISTRATION FORM FOR PLENARY MEETING

Free of charges - Registration before March 1st by mail

to contact@code-aster-pronet.org or tamas@tu-freiberg.de (*obligatory)

Organization * <i>Company – University ...</i>			
Country *			
Postal address			
Mail address *			
Interest for Code_Aster			
Visit of the Cathedral with concert on the organ Silbermann	(fee 5 Euros by each member)	YES	NO
Optional dinner	(fee 20 Euros by each member)	YES	NO

APPROCHING THE SITE OF THE VENUE

Address:

**Technische Universität Bergakademie Freiberg – Institut für Geotechnik,
Gustav-Zeuner-Straße 1, D-09599 FREIBERG (Sachsen), Helmut – Härtig – Bau (HHB)**

By air plane:

Flights to DRESDEN International Airport (DRS), LEIPZIG / HALLE International Airport (LEI), BERLIN Airport (BER) or PRAGUE International Airport (PRG) are available.

From the airports, public transportation (rail or bus) can be used for a convenient transfer to FREIBERG.

By rail:

FREIBERG is easily accessible by railway from CHEMNITZ or from DRESDEN. For Europe-wide timetables please consult the homepage of the german railway company Deutsche Bahn www.bahn.de

By car:

Follow the highways towards CHEMNITZ from the west and south-west direction or DRESDEN from the north and east direction. To access FREIBERG from the highway easily please use the exit in the city Siebenlehn and follow the highway B101 towards FREIBERG.

Transportation from the railway station to the site of the venue:

FREIBERG is a quite small city and walking is mostly appropriate. From the railway station, a bus line C can be used to get to the station "Merbachstraße", situated just at the Bildung Hemit-Härtig-Bau (HHB). Also, at the railway station, taxis are continuously available.



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to contact@code-aster-pronet.org or tamas@tu-freiberg.de (*obligatory)

REGISTRATION FORM FOR INITIATION SESSION – FEE 200 €

Organization * Company – University ...	
Country *	
Postal address	
Mail address *	
Interest for Code_Aster	

PROVISIONAL AGENDA FOR TRAINING

Teachers Dr-Ing Johannes ACKVA – Ingenieurbüro für Mechanik (Germany)
Designer Jean-Pierre AUBRY – La Machine (France)
Comments by Jean-Raymond LEVESQUE – ProNet Representative

Friday Morning (9 to 12 am)

STEP BY STEP INITIATION with comments on use cases

Salome for 3D volumic
Gmsh for structural elements (beam, plates ...)

Afternoon (2 to 5 pm)

ADVANCED INITIATION (continuation of morning program)

Non linear analysis
Contact – friction
Fracture mechanics
Use of Python in the command file

DISCUSSION

Reference documents

Training material and use cases FORMA*

www.code-aster.org

Beginning with Code_Aster by Jean-Pierre AUBRY

framabook.org/14-beginning-with-code_aster