

## 12th EFUC- Round Table in St. Petersburg, Russia

Hamburg, July 24th, 2007

As agreed at our last EFUC meeting at the end of January 2007 in Košice/Slovakia, we herewith like to invite you to our 12th EFUC-Round Table in St. Petersburg, Russia with the following agenda:

### Friday, October 19th 2007

Meeting at the State University for Architecture and Civil Engineering (SPbGASU) in St. Petersburg, Ulica 2-ya Krasnoarmeyskaya 4 (Metro station "Technologitscheskij Institute") with representatives of the public management, municipal economy, science, economy and students.

- 13:00 h            Welcome Reception by
- representatives of the University
  - representatives of the Water- and Canal-Economy, St. Petersburg
  - Dr. Rolf Bielecki, Chairman EFUC/WSDTI
- 13:30 h            Session I.
- Presentation of SPbGASU
  - International Contacts and projects of SPbGASU
  - Research projects water and sewage in Russia
- 14:30 h            Visit of construction sites, e.g. shaft building site with participation of the company Herrenknecht AG (approx. 65 m deep, machine constructed shaft (Da 8,40 m) for a sewage tunnel)

### Saturday, October 20<sup>th</sup> 2007

- 9:30 h            Session II
- Ecological impact of underground construction methods: A methodology for evaluating and decision making – Dr. R. Bielecki, Germany
  - Project ORFEUS-Optimised Radar to Find Every Utility in the Street - Dr. J. Raclavský, Czech Rep. - Documents <http://www.orfeus-project.eu>
  - Underground Construction in Slovakia - Doz. Dr. J. Durove, Slovakia
  - Safety risks and tunnelling systems - Prof. Dr. V. Bauer, Slovakia
- 11:00 h            Coffee break
- 11:30 h            Session III
- Production of deep depths > 1,000 m for final subterranean storage of highly radioactive waste in solid rock and for power

production - Dr. R. Bielecki, Germany

- Automatic sinking of deep shafts below groundwater level – Dipl.-Ing. B. Kuenstle, Germany
- Ventilation of deep caverns and tunnel - Dr. M. Bayerl, Austria
- Effective Geothermal Utilisation close to the Surface by the TT-Geothermal Radical Drilling (GRD-) Method – Dr. H.-J. Bayer, Germany and Dipl.-Ing. J. Raclavský, Czech Rep.

13:00 h Lunch

14:00 h Session IV

- Problems of rehabilitation of deep-seated sewers - basic information about the construction of these sewers in Russia- Ing. P.P.Bessolov, Russia
- State of the art rehabilitation techniques for these sewers - Prof. Dr. V. Vasilev, Russia
- Rehabilitation techniques of water pipes and sewers in Europe – Dr. J. Raclavsky, Czech Rep. und Dr. R. Bielecki, Germany
- Latest conclusions for the operation of house sewage systems by installation of reactors (Solid body reactors with oxygenation) – Dipl.-Ing. D. Redwanz, Germany

16.00 h Coffee break

16:30 h Session V

- Water supply and sewage disposal of St. Petersburg - GUP WODO-Canal St. Petersburg -
- International geotechnical and ecological study – EDEC - Prof. Dr. V. Bauer, Slovakia
- WSDTI - Research projects in preparation and development - Prof. Dr. D.P.F. Moeller; Germany

20:00 h Dinner

### **Sunday, October 21st 2007**

10:00 h Final discussion

including information regarding the preparation of International EFUC conferences – Prof. Dr.-Ing. D.P.F. Möller/Dr. R. Bielecki

- 4. International EFUC conference in Goslar, Germany – Autumn 2008
- 5. International EFUC conference in Brno/Czech Rep. from 13. - 19.4.2009
- Discussion of the Sessions

11:30 h End of 12<sup>th</sup> EFUC Round Table

Remarks:

1. Don't forget, that a visa is necessary for the entry into the Russian federation. The issue of a tourist visa can last up to 30 days, depending on the country of origin. It is your responsibility to handle these formalities, e.g. contact your respective Russian consulate or send an inquiry, e.g., to [info@vizas.ru](mailto:info@vizas.ru)

2. Those, who would also like to attend the conference "175 years St. Petersburg State University for Architecture and Civil Engineering (SPbGASU) " from 17th -19. October 2007 in St. Petersburg must apply for a respective visa.

We are looking forward to welcoming you in St. Petersburg, Russian federation. Please send your registration for the 12<sup>th</sup> EFUC Round Table with arrival and departure dates by E-Mail to SPbGASU

[intern.depart@spbgasu.ru](mailto:intern.depart@spbgasu.ru)

and a copy to:

[wtdti@telecom.cz](mailto:wtdti@telecom.cz)

In case you have any further questions don't hesitate to send your query to

[wtdti@telecom.cz](mailto:wtdti@telecom.cz)

Best regards

Dipl. Ing. Rolf Bielecki, PhD.  
Chairman of EFUC und WSDTI