

**Program of the Workshop of TC207
“Soil-Structure Interaction and Retaining Walls”
ISSMGE**

2 October 2016

Evening Concert

**University Church (Jesuitenkirche) in Vienna: VERDI Messa da Requiem
with the famous Church Choir St. Augustin.**

Address:

**Jesuiten-Church Wien 1, Dr.-Ignaz-Seipel-Platz 1, 1010 Wien
(see the attached map)**

Concert starts at 19:30

3 October 2016

TC207 Workshop

Time: 10:00-18:00

VENUE:

Engineering House, Vienna

Address:

Österreichischer Ingenieur- und Architekten-Verein (ÖIAV)

Eschenbachgasse 9

1010 Wien

2nd floor (Festivity Hall)

General Topics:

- Soil-Structure interaction**
- Retaining Structures.**

10:00-10:20 Opening of the Workshop

Heinz Brandl, Michael Lisyuk, Vladimir Ulitsky

10:20-10:30 Short Administrative Report TC207

M. Lisyuk, Chairman of TC207 ISSMGE

10:30-18:00 SCIENTIFIC PRESENTATIONS AND DISCUSSION

10:30-11:25 Heinz Brandl (Austria). Soil-Structure interactions in unstable slopes (Retaining structures, bridges, etc.)

11:25-12:05 T. Ohsumi, Hemanta Hazarika (Japan). Correlation between Building Damage and Ground Motion based on the findings from the 2015 Gorkha, Nepal Earthquake

12:05-12:30 Michael Lisyuk, Vladimir Ulitsky, Konstantin Shashkin, (Russia, TC207). Some aspects of Soil-Structure Interaction

12:30 – 13:30 LUNCH

13:30-13:45 Ayşe Edinçliler & Mustafa Sekman & Barış Göztepe (Turkey). Shake table tests to evaluate Seismic Soil Structure Interaction of low-rise buildings under different earthquake motions

13:45-14:00 Peter Außerlechner & Erwin Girsch (Austria). Challenging deep foundations for high-rise buildings

14:00-14:15 G. Madhavi Latha (India). Advanced image based techniques for micro level understanding of soil-geosynthetic interactions

14:15-14:30 Igor Sokolić (Croatia). Design of flexible retaining structure – anchored pile wall with terramesh system

14:30-14:45 Elena Lashkova and Vyacheslav Smolenkov (Russia). Experience in geotechnical system GEOIZOL-MP application (exemplified by Sochi Olympic structures, Palatial and historical buildings in Saint Petersburg – the Hermitage and Alexandrovsky Palace).

14:45-15:00 Catherine Jacquard (France). Grouting of galleries and made ground under buildings: execution, monitoring, adjustments

15:00-15:15 Gökhan Baykal (Turkey). New multipurpose large size direct shear device capable of applying monotonic and cyclic loads with stress or strain control

15:15-15:30 Kari Avellan (Finland). The impact of safety factors on contact pressure and design of foundation

15:30-16:00 Break

16:00-16:15 Horatiu Popa, Alexandra Ene (Romania). Design, Execution and Monitoring of a Deep Excavation in Bucharest

16:15-16:30 Vojkan Jovičić (Slovenia). An example of the back analysis of the tunnel construction in weak rock

16:30-16:45 Ilizar Mirsayapov, Irina Koroleva (Russia). Estimation of joint deformations of the system “soil-foundation – high-rise building”

16:45-17:00 Talal Awwad (Syria). Numerical Simulation Models to Analyze the Negative Skin Friction of a Single Pile

17:00-17:15 Narendra Samadhiya (India). Barrage Foundation Interaction under static loading

17:15-17:30 Turgut Kaya (Turkey). 2D & 3D Modelling and Seepage Analysis in Deep Excavations – A Case Study

17:30-17:45 Regina Dashko (Russia). Physical concepts of filtration consolidation limited use in assessing stability of facilities on soft clays.

17:45-18:00 DISCUSSION OF FURTHER DEVELOPMENT AND COOPERATION OF TC207

GROUP PHOTO

18:00 CLOSING OF THE WORKSHOP