International Workshop on Bitumen Chemo-Mechanics
November 28 and 29, 2019
TU Wien, Austria

November 28, 2019
Institute of Materials Chemistry, Getreidemarkt 9, 1040 Vienna

Afternoon Session

14:00  Meeting on Karlsplatz (in front of Main Entrance to Main Building)
       https://goo.gl/maps/2bmm4tKFWiBGtwxVA

14:15 – 15:00  Impact of changes in crude oil source and refining process on durability aspects of bitumen
               Dr. Sayeda Nahar (TNO, The Netherlands)

15:00 – 17:00  Lab Visit Materials Chemistry

Social Program in the Evening

18:30  Meeting at Karlsplatz
       Visit to a Traditional Christmas Market
Morning Session

09:15 Meeting at the Old Chimney (Lilienthalgasse 14)
https://goo.gl/maps/1uNmf6j4pvcWfx686
09:15 – 09:30 Meet and Greet
09:30 – 10:15 Physico-Chemical Research on Asphalt Binders
Prof. Hinrich Grothe (TU Wien, Austria)
10:15 – 10:30 Coffee Break
10:30 – 11:15 Current Research Topics in the Research Team Mechanical Modelling
Prof. Lukas Eberhardsteiner (TU Wien, Austria)
11:15– 12:00 Interfacial behavior between asphalt and aggregate —— from molecular to mixture
Prof. Meng Guo (Beijing University of Technology, PRC)
12:00 – 13:15 Lunch

Afternoon Session

13:15 – 13:30 Belated Welcome and Introduction
Prof. Ronald Blab (TU Wien, Austria)
13:30 – 14:15 Bitumen chemo-mechanics – where we are and where should we be headed?
Prof. Amit Bhasin (UT Austin, USA)
14:15 – 15:15 Discussion on Possibility of Global Study “Bitumen DNA Database”
15:15 – 15:30 Coffee Break
15:30 – 16:15 Uncovering and optimizing the physico-chemo-mechanical coupling mechanisms in paving materials’
Prof. Katerina Varveri (TU Delft, The Netherlands)
From Micro- to Macro-Scale – A Brief Journey through Asphalt Research at TU Wien

Prof. Bernhard Hofko (TU Wien, Austria)

Lab Visit Road Materials

Social Program in the Evening

19:15 Meeting at Gußhausstraße 28
https://goo.gl/maps/48XFB9Gi2KEuiT7m9

19:30 Dinner at Gasthaus Bucheker & Sohn
Hotels and Getting around in Vienna

There are several hotel options at the main station (Hauptbahnhof), which is a good hub to reach the city center and our laboratory.

For the way from Vienna International Airport to the City Center, you can take a cab waiting outside arrivals or use public transport.
More info on public transport options from the airport:

Getting around in Vienna is easiest by public transport. More info, time tables, ticket options, etc.:
https://www.wienerlinien.at/eportal3/
Meeting Point on November 28 (Getreidemarkt)

Address: Karlsplatz
Meeting Point on November 29 (Lilienthalsasse)

Address: Lilienthalsasse 14

There are two options to reach the lab by public transport.

Bus line 69A to stop “Lilienthalsasse”
Tram line 18 to stop “Wildgansplatz”

Please refer to the map below – there is a tall old chimney (see picture) that will serve as a meeting point.