

## The Agenda

# VERT Iran workshop on UFP Health Effects and Diesel Particle Technologies. Theory and Practical Applications (January 13 th)

### Introduction (08:00 – 08:15)

#### 1) Health Effects of combustion generated particles (09:00 – 10:30) (08:15 – 09:45)

- How combustion derived nanoparticles can enter the human organism – size matters | Peter Gehr, PhD
- Monetary health benefits compared to emission reduction cost | Dr. Andreas Mayer; TTM

### Questions: 09:45 – 10:00

Coffee Break 10:30 – 11:00 Uhr (10:00 – 10:30)

#### 2) Diesel Particle Filter Technologies (10:30 – 11:15 Uhr) | Volker Hensel; CEO of VERT Association

- Efficient technical concepts and substrates
- Soot conversion techniques in the filter and
- Electronical control of Diesel Particulate Filter Systems
- Cleaning and Service of Diesel Particle Filters

#### 3) Experiences with LEZ and Retrofit of Diesel Particle Filters in Berlin (11:15 – 12:00) (Volker Schlickum, Engineer)

- Experiences of the City of Berlin with the introduction of Diesel Particle Filters
- Experiences of introduction of Low Emission Zones
- Outlook for future air quality activities in Berlin

Lunch break 12:00 – 13:30 Uhr

#### 4) Experiences from retrofit activities in Tehran (13:30 – 14:15) Hossein Izanloo; ASA

- Requirements for success full retrofit
- Case study Tehran retrofit program
- Learnings and best practice for Iran Retrofit programs

Questions 14:15 – 14:30 (to technical sessions)



Break **14:30 – 14:45** Uhr

**5) Inspection and Maintenance (14:45 – 15:45)** Dr. Andreas Mayer; TTM

- Importance and need for Inspection and Maintenance for vehicles with exhaust aftertreatment systems
- Best practice for regularly vehicle inspection
- Efficient Inspection concepts for onroad vehicles EURO IV eev a/b

Questions **15:45 – 16:00** (to technical sessions)

Closing Ceremony – **16:00 – 17:00** (in main conference)

