

## 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 subtrates
- 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

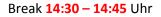
Lunch break 12:00 – 13:30 Uhr

- 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)



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- 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)



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