

## Curriculum vitae

### Andreas C.R.Mayer / TTM

- German, living in Switzerland
- Graduated from Karlsruhe Technical University 1961
- 8 years flow research (gas- and steam turbines) with BROWN BOVERI
- 20 years Diesel supercharging ( TC and COMPREX) with BROWN BOVERI
- TTM established 1990 with focus on “Diesel Emission Reduction and Supercharging”

#### Management and Leadership of international Diesel emission reduction projects:

- + NEFF 1991-96: development of particulate traps and catalysts
- + BMBF 1993-97: development of knitted fibre traps and catalytic regeneration
- + VERT 1993-98: trap implementation in Switzerland
- + DEEP 1997-06 : trap implementation in Canadian non-metal mines / Consultant
- + NANOMET 1997-05 : new health oriented ultrafine particle metrology
- + PMP 2000 -04 : introduction of new particle metrology in the EC
- + IDRAC 2000 -03: Diesel emission reduction in California / Consultant
- + ETH-conference on combustion generated nanoparticles since 1997 / yearly at Zürich
- + HDT 3-days seminar on Diesel particle filter technology since 1998/ yearly at München

Expert/Consultant of the Swiss EPA for engine emission reduction

Consultant for particle filter system applications

Responsible for Diesel Particle Trap Verification in Switzerland

2 Books published on Elimination of Engine Generated Nanoparticles

80 Technical Papers on supercharging, ceramic materials and engine emissions

Elected SAE-Fellow in 2005

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