

Company Profile

16th VERT Forum 2026



TOPAS ®

Company Introduction

- founded 1991 as a spin-off from Technical University Dresden
- Headquarter in Dresden/Germany
- 01/2024: new subsidiary Topas Inc. in Minneapolis/US
- approx. 80 employees, 1/3 academics
- Privately owned SME
- Export rate 80%



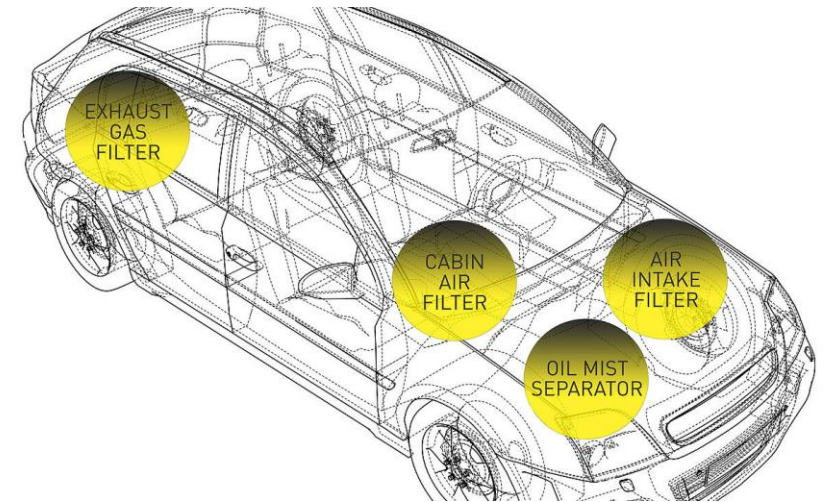
Applications

- particle and aerosol research
- cleanroom validation
- air filter testing (automotive, HVAC, industrial)



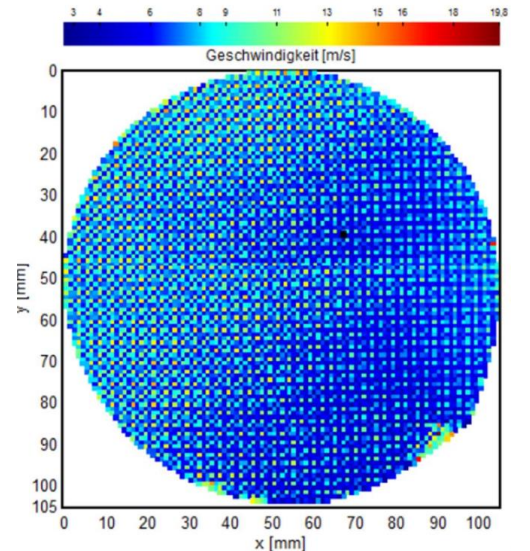
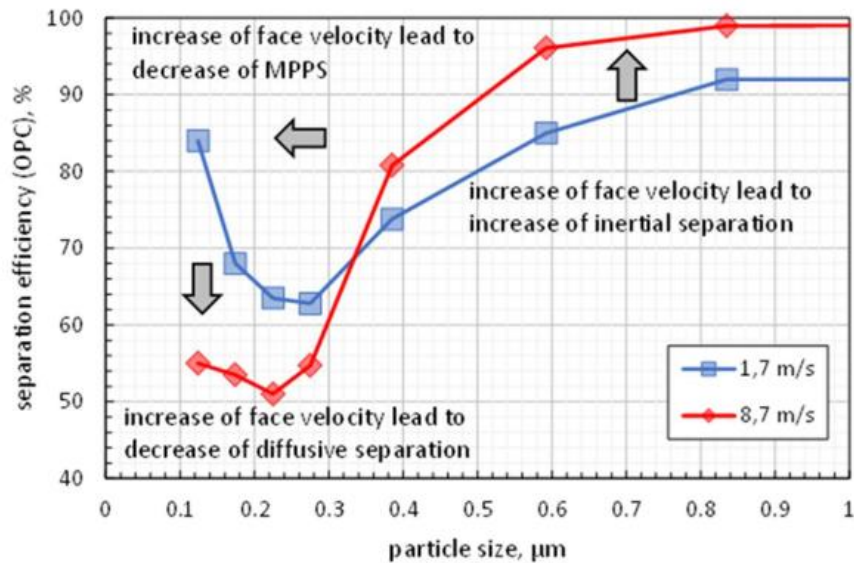
Automotive air filters

- Motor air intake filter
- Cabin air filter
- Oil mist separator from crankcase ventilation systems
- Fuel cell air intake filter
- **Gasoline/diesel particle exhaust filter**



GPF, DPF testing

- flow profile scanning
- fresh filtration efficiency
- laboratory, 24/7 production control



OK Differential pressure: 2976 Pa
 OK Efficiency at 0,700µm: 99,99990 %

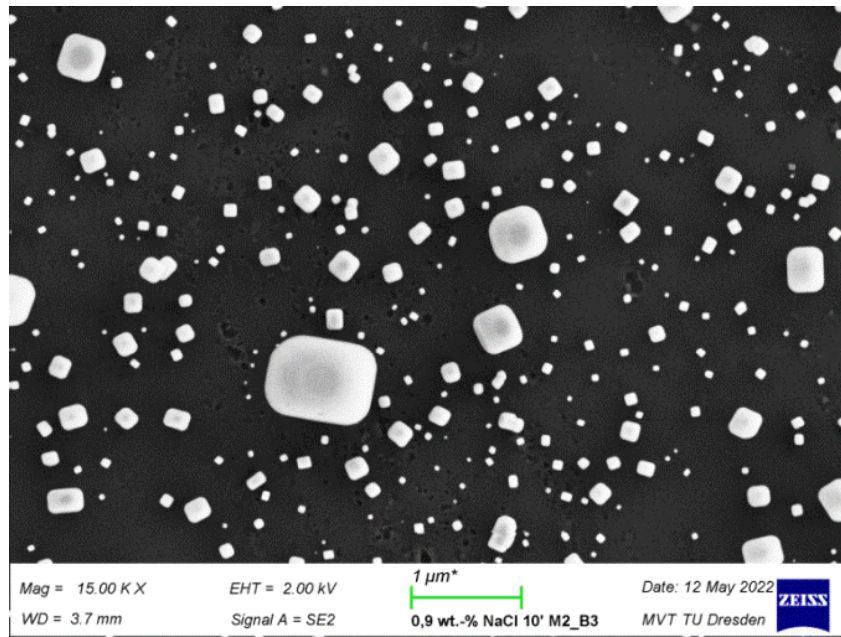
99,9998%

Pass



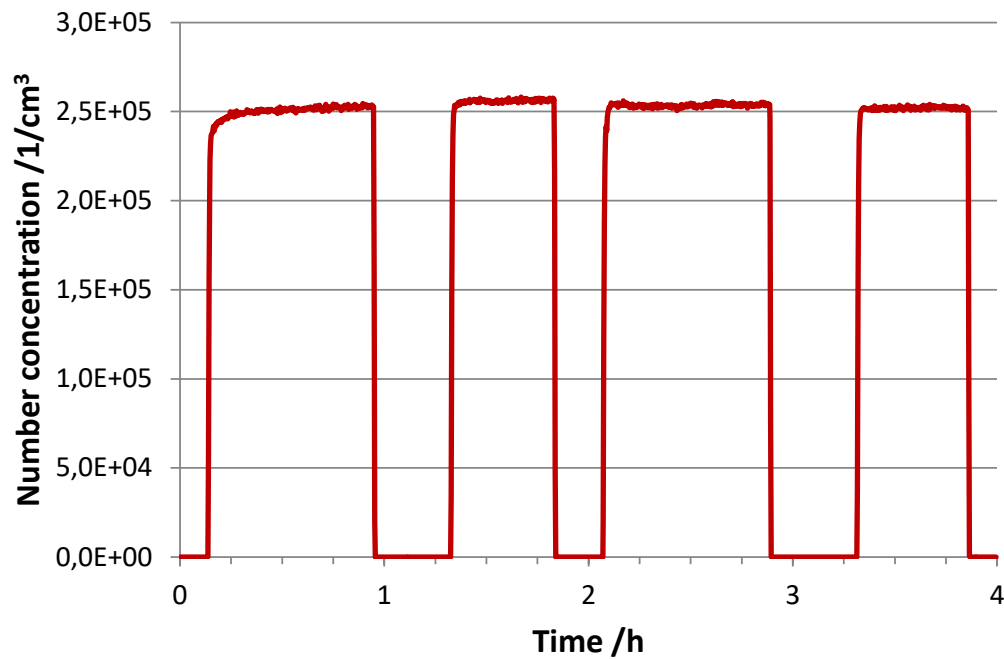
Reference aerosols for NPTI counters

- NaCl
- GMD 50 – 90 nm
- < 50k – 1000k 1/cm³



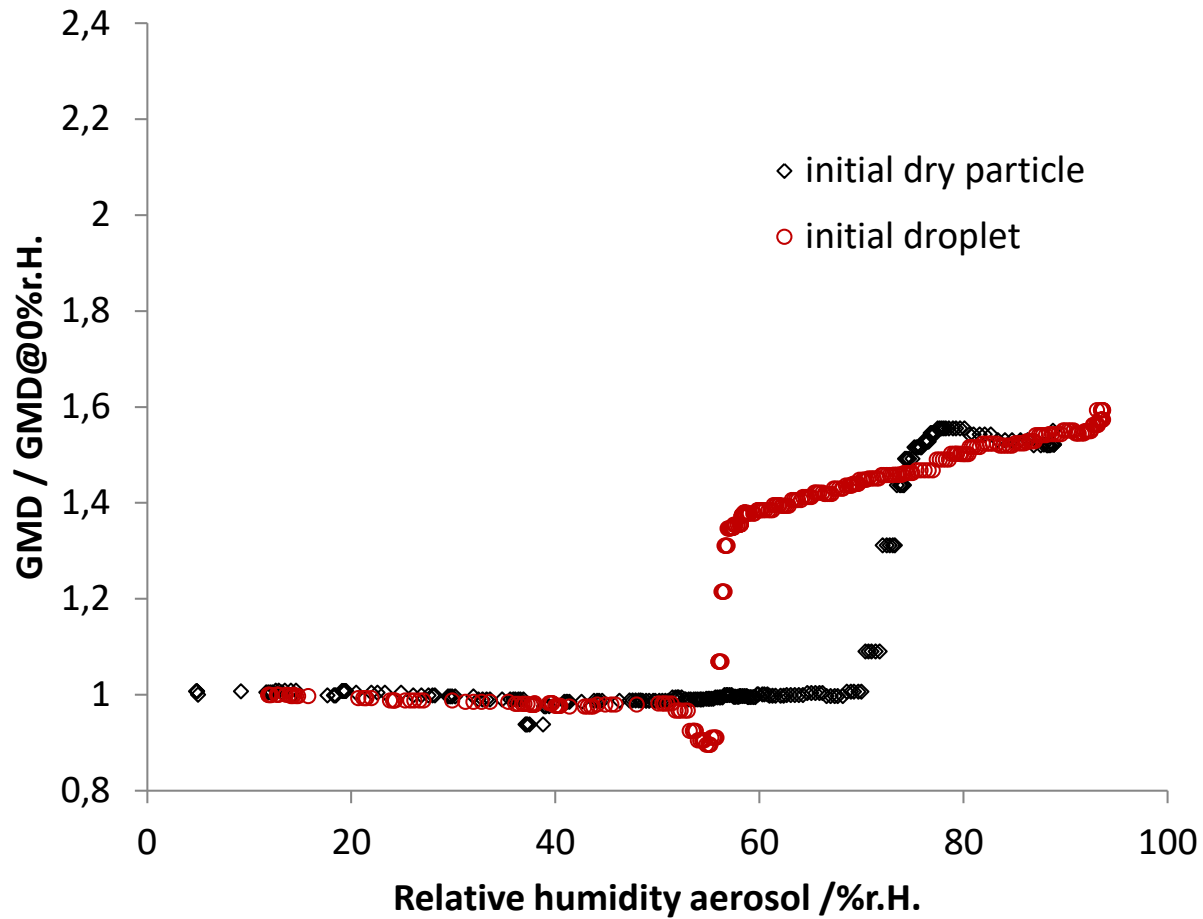
Reference aerosols for NPTI counters

- no diluter
- stable
- reproducible

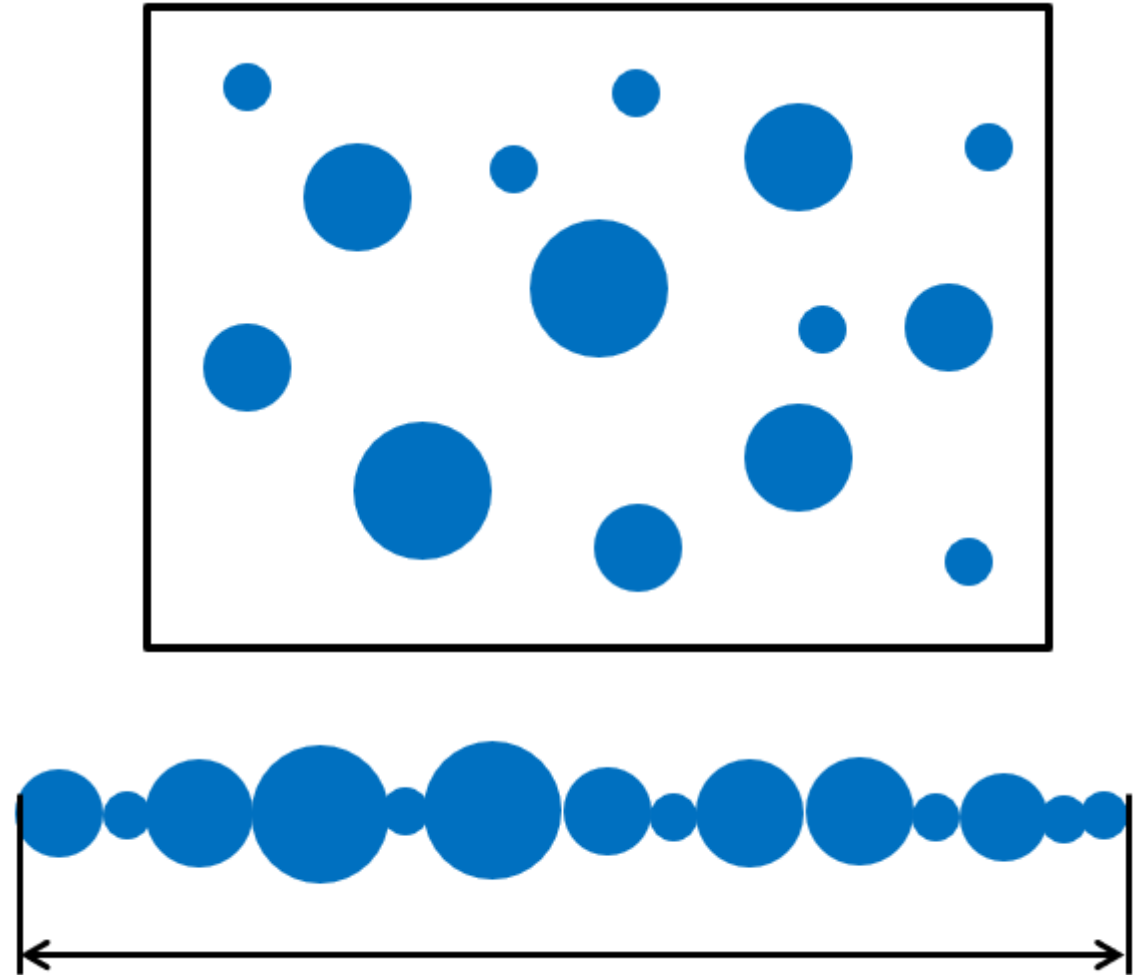
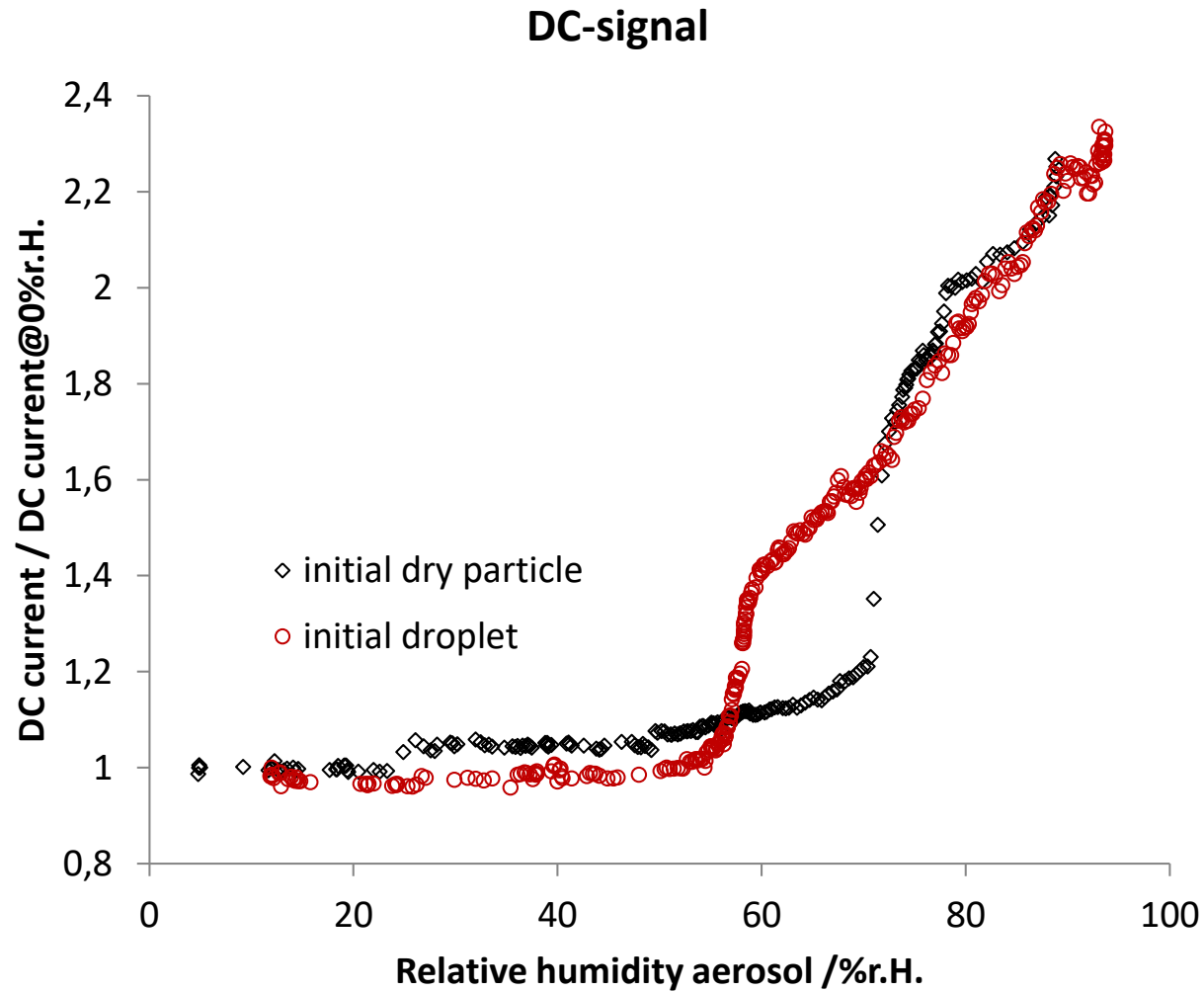


Reference aerosols for NPTI counters

Geometric mean diameter (SMPS)



Reference aerosols for NPTI counters



New fields of application

- indoor air quality
- Ambient Air Quality Directive:
UFP measurement
supersites
- curious for more...

