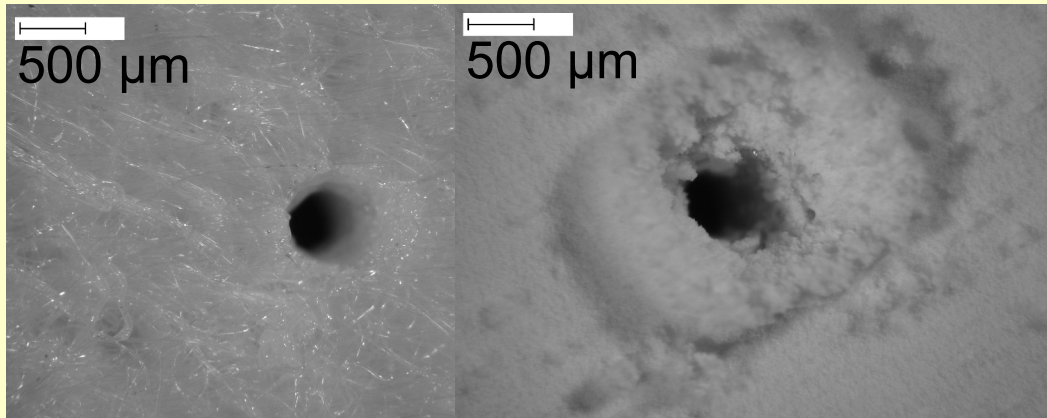
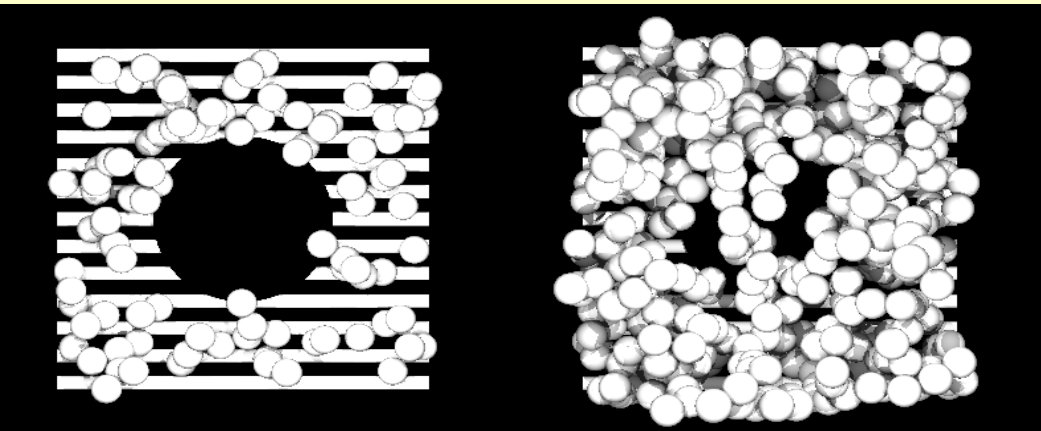


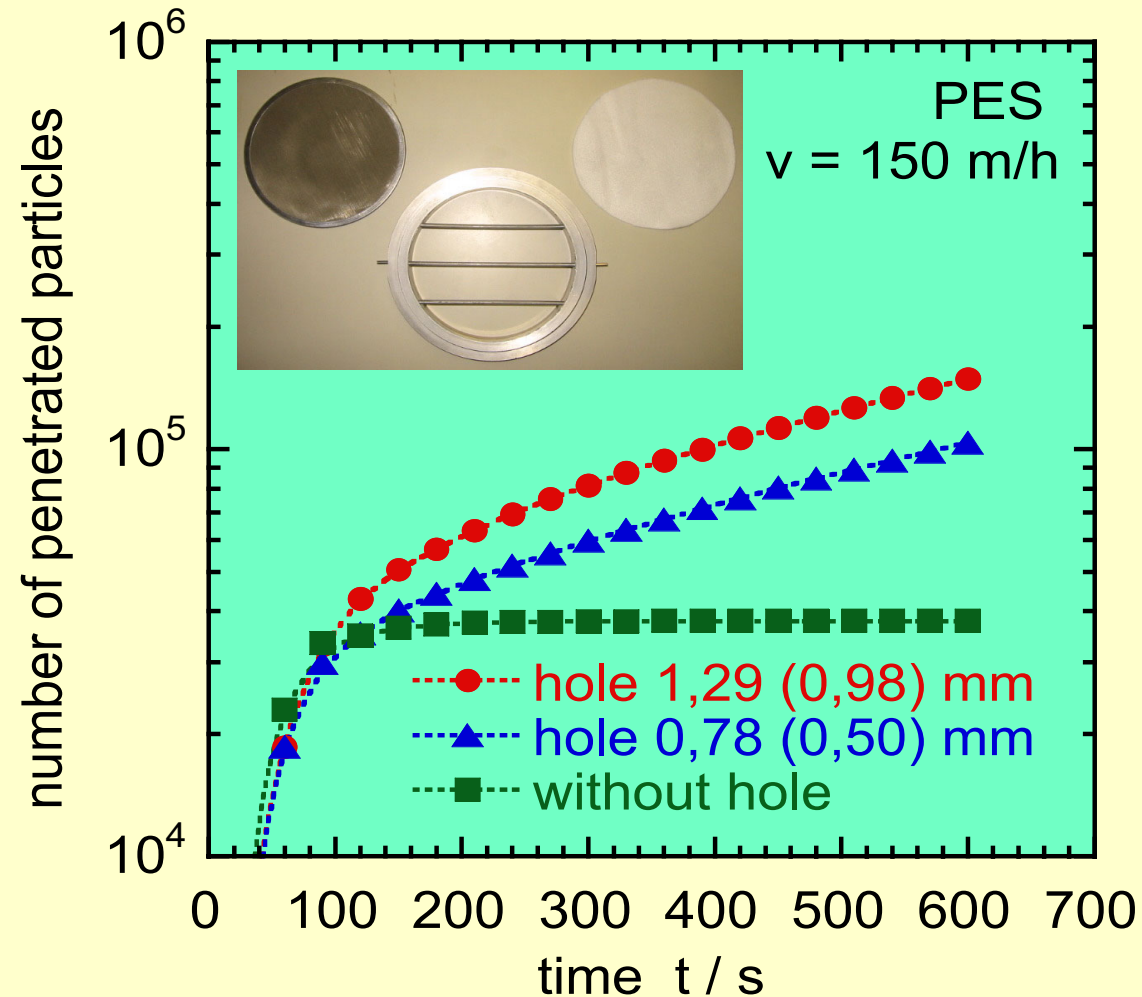
Dust Particle Penetration through Filter Media Defects



Pinholed polyester needled felt
without (left) and with (right) dust particles



Computer simulation of pinhole clogging



Number of particles on clean gas side
with time for different filter media defects