

Interactive comment on “Conceptual study on nucleation burst evolution in the convective boundary layer – Part III: Physico-chemical characterization” by O. Hellmuth

Anonymous Referee #1

Received and published: 30 December 2005

Overall comments in "comments for Paper I"

Conceptual study on nucleation burst evolution in the convective boundary layer - Part III: Physico-chemical characterization O. Hellmuth

Page 11520, line 4: wihin => within

Page 11520, Figure 2: How can Aitken and accumulation mode concentrations be that low, 10 #/cc in anthropogenically influenced CBL at the bottom of the BL? Aren't they much too low? Or what are the diameters, do such bgr distribution produce correct

Full Screen / Esc

Print Version

Interactive Discussion

Discussion Paper

sinks? I mean the values presented here are unrealistic low.

Page 11524, line 6: modelcules => molecules

PAge 11525: What is the size-range of UCN? How many nanomers in diameter?

PAge 11530, line 6: lateron => later on

Figure 10a: yellow is a very difficult colour to see in this figure.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 11517, 2005.

Full Screen / Esc

Print Version

Interactive Discussion

Discussion Paper