

Interactive comment on “Conceptual study on nucleation burst evolution in the convective boundary layer – Part IV: Comparison with previous observations” by O. Hellmuth

Anonymous Referee #3

Received and published: 5 January 2006

Paper IV

General comments: See paper I

page 11568, line 25-> It has been shown (Boy et al.: Sulfuric acid closure and contribution to nucleation mode growth, ACP 5, 863-878, 2005) that sulfuric acid cannot explain the growth of the newly formed particles in Hyytiälä, and thus some other condensing agent, possibly organics, is needed. This would suggest an important part played by biogenics.

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