

Publications by Beatrice Annaratone

- 1) Agglomeration of micrometer size dust particles in plasma, Annaratone, B.M., Antonova, T., Thomas, H.M., and Morfill, G.E., to be published
- 2) Expansion of dusty plasma in an RF plasma sheath, Antonova, T., Annaratone B. M., Du, C., Thomas, H.M., and Morfill, G.E., to be published
- 3) Formation of a boundary-free dust cluster in a low-pressure gas-discharge plasma. Usachev, A.D., Zobnin, A.V., Petrov, O.F., Fortov, V.E., Annaratone, B.M., et al. Phys Rev Lett 102 Issue: 4 (2009) 045001
- 4) The electronegative plasma pre-sheath in magnetic field and extraction of negative Ions, Annaratone, B.M., Allen, J.E., 1st International Symposium on Negative Ions, Beams and Sources, SEP 09-12, 2008 Aix en Provence France, Negative Ions, Beams and Sources 1097 (2009) 31-37
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- 6) Study of hydrogen plasma in the negative-ion extraction region, Svarnas, P., Annaratone, B.M., Bechu, S., et al., Plasma Sources, Science and Technology (2009) 045010
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- 8) Peculiar properties of rodlike particles levitating in the sheath of an RF plasma, Annaratone, B.M., Khrapak, A.G., Morfill, G.E., IEEE Transaction on Plasma Science 37 Issue 6 (2009) 1110-1115
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- 13) Agglomeration of dust, Annaratone, B.M., Antonova, T., Arnas, C., et al. 5th International Conference on Physics of Dusty Plasmas, May 18-23, 2008 Ponta Delgada Portugal, Multifacets of Dusty Plasma, 1041 91-94
- 14) 3D plasma clusters: Analysis of dynamical evolution and individual particle interaction, Antonova, T., Annaratone, B.M., Thomas, H.M. et al. 5th International Conference on Physics of Dusty Plasmas, May 18-23, 2008 Ponta Delgada Portugal, Multifacets of Dusty Plasma, 1041 9-12
- 15) Energy relaxation and vibrations in small 3D plasma clusters, T. Antonova, B M Annaratone, H M Thomas and G E Morfill, New Journal of Physics 10 (2008) 043028
- 16) Dust control in tokamak environment, S. Rosanvallon, C. Grisolia, G. Counsell, S.H. Hong, F. Onofri, J. Worms, J. Winter, B.M. Annaratone, G. Maddaluno and P. Gasior, Conference Information: 8th International Symposium on Fusion Nuclear Technology, Sep 30-Oct 05, 2007, Heidelberg Germany, Fusion Engineering and Design, 83 Issue10-12, 1701-1705
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