Filtering Efficiency of N95 Facepiece Respirators…… in Air Environments (Times New Roman, font 16, bold, centered, single line space. Leave one line space below)

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**Abstract (times New Roman, font 14, bold. Leave one line space below)**

The emission of unipolar air ions in the vicinity of a filtering facepiece respirator has been recently shown to considerably enhance its respiratory protection efficiency. The effect is driven by the electric repelling forces that develop between the unipolarly charged mask and the aerosol particles, thus creating a shield for the incoming particles and consequently decreasing the penetration efficiency through the filter…………………**(Submit the original word file on-line and the system will create the pdf/html file for the review purpose only. Before submitting the manuscript, check the pdf file created by the on-line system. Use A4 size paper, and set left margin = 2.2 cm, right margin = 2.2 cm, top margin = 3.0 cm, bottom margin = 3.0 cm. Times New Roman, font 12, single line space. Leave only “one space” after period. Not to exceed 250 words or one page limit including title, authors and keyword. Insert line numbers at the left margin of the entire manuscript using “page setup” function. The Word documents of manuscripts in new and revised submissions must be clean. The 'tracked changes' tools should not be used.).**

***Keywords:*** Respirator; Mask; Ion emission; Fine aerosol; Ultrafine aerosol. **(3 to 5 keyword, Times New Roman, font 12, single line space**