Abstract Submitted
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The Use of Plasma Vortexes in Creating Carbon Nanotubes ALEXANDER LEITH, None, ALEXANDER LEITH COLLABORATION[1] — Carbon nanotubes have been created in a variety of ways such as arc discharge, laser ablation, and chemical vapor deposition (CVD). Each of these techniques has been proven to produce carbon nanotubes in small quantities in a lab setting. This is the problem that we have been addressing. Over the course of 16 months, we have been working on a new method of carbon nanotube production that is based around fluid dynamics and plasma. We have created the basic components to test this new way to produce carbon nanotubes. This research will ideally provide a new avenue for carbon nanotube production.

[1]Worked with Dr. Randal Tagg of the University of Colorado Denver.

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None

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