

Abstract Submitted  
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**Rotating Dust Rings in a Complex Plasma** WILLIAM THEISEN,  
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a complex plasma using a carved out ring shaped metal anode. A simple dust ring  
formed inside the circular potential trough. Occasionally the ring would start to  
rotate due to the unbalanced forces generated by the flow of charges in the plasma.  
Particle position data was taken and analyzed using standard techniques. Results  
were compared with predictions of normal mode calculations.

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