Georgia Tech Aerospace Engineering

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Experimental Plasma Physics

- Selective acceleration of charged particles via ***E*** and ***B***

Generation of Plasmas

- Energy input: DC/RF
- Working fluid and pressure

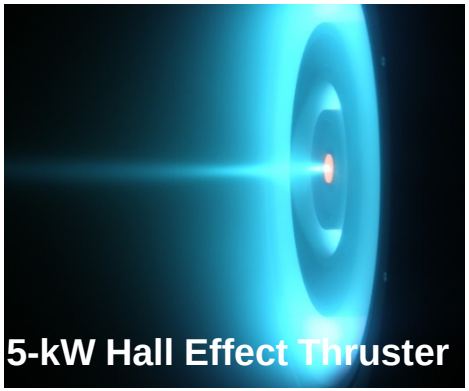
Plasma-Wall Interactions

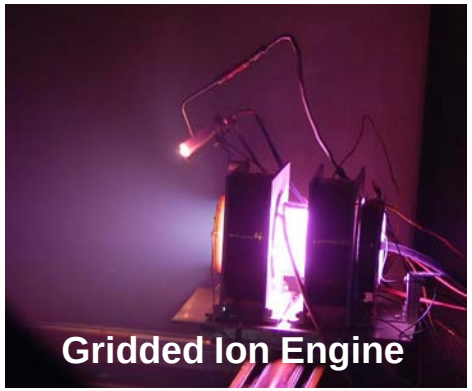
- Impact of charge BC's and material properties on transport rates
- Surface modification/erosion via charged-particle interactions

Diagnostics & Facilities

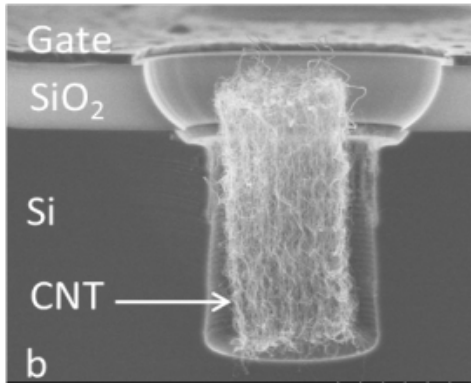
- Suite of plasma diagnostics
- Largest University-based vacuum facilities in U.S.

Space Propulsion: Performance, Life


5-kW Hall Effect Thruster


Gridded Ion Engine

Materials Processing, Electron Emission



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