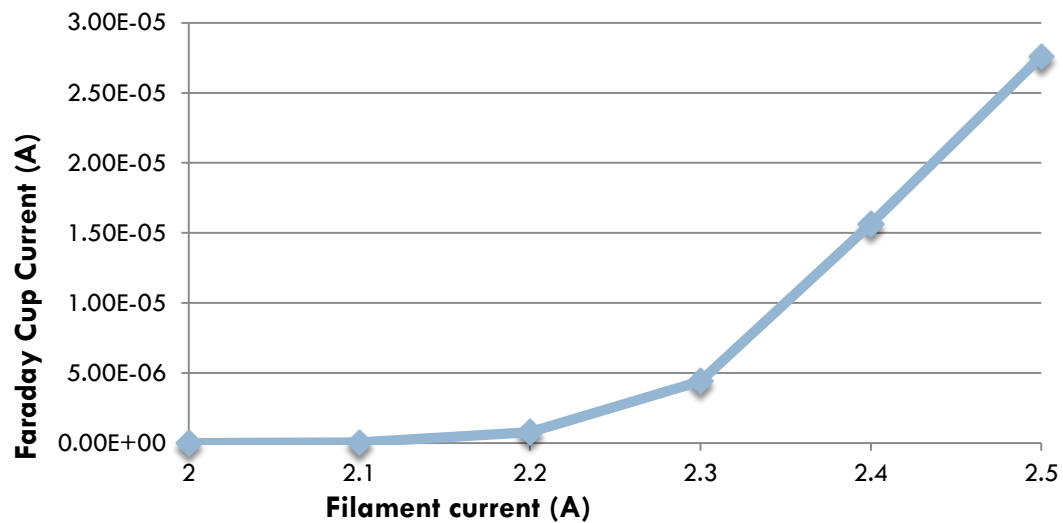


# 2017 GAS JET MONITOR PLAN



Hao Zhang, Edward Martin

# Faraday Cup



## Lab move and major changes of the setup

- The date should be between Feb. 14<sup>th</sup> to March 31<sup>st</sup>
- Find the best quotation for manufacture the new gas jet setup.
- New electron gun test by both beam and faraday cup.
- Assemble the new jet after its arrival

# Jet Characterization

- Movable gauge scan
- Test with Neon gas.
- Test with different 3<sup>rd</sup> skimmer sizes and shapes