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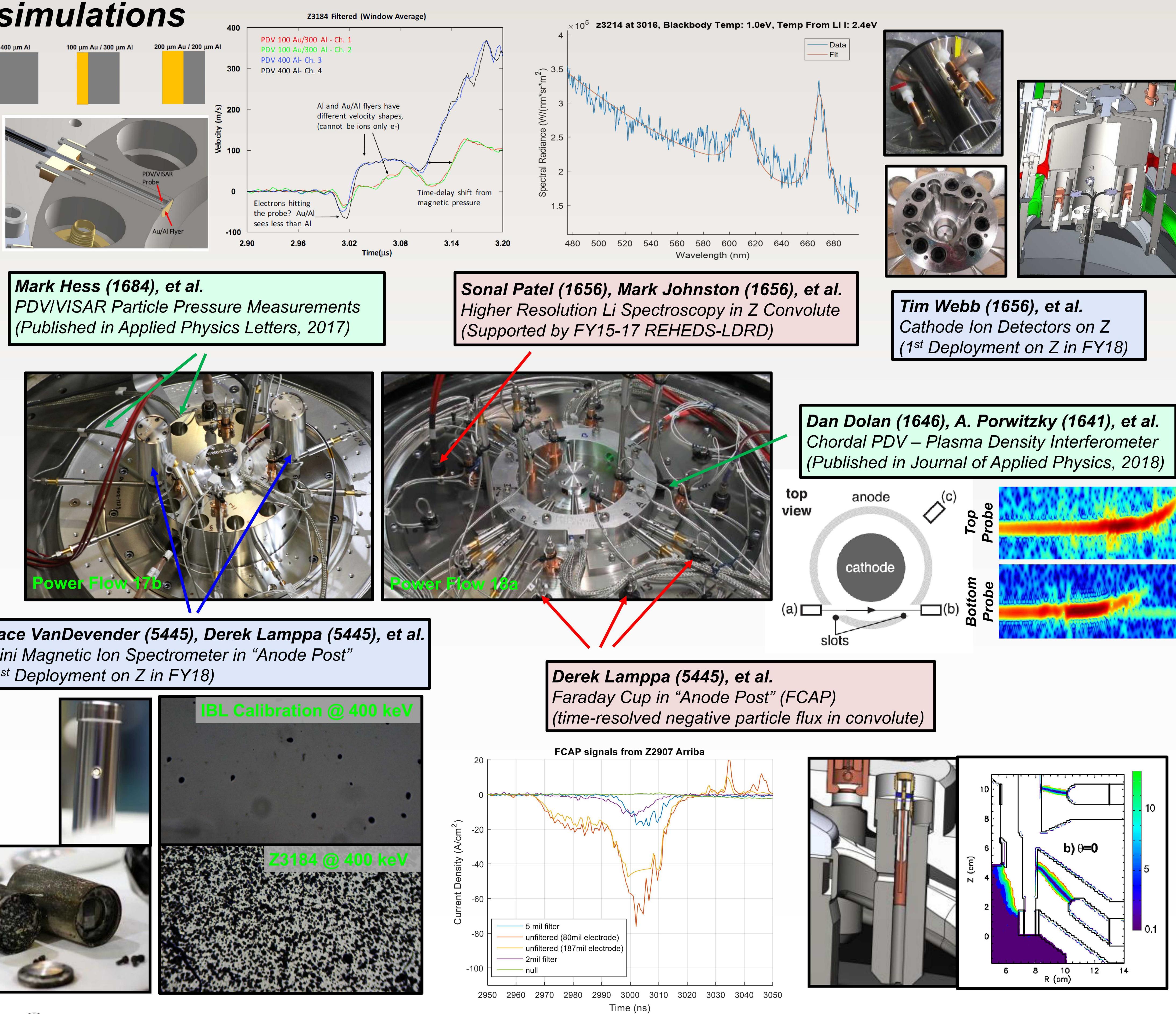


Recent Progress on Power Flow Diagnostic Capabilities Supporting Next-Generation Multi-Scale Plasma Physics Codes

George Laity (1683), Allen Robinson (1443), Michael Cuneo (1650), et al.

Power Flow Physics & Spectroscopy Team

Objective: improve our ability to diagnose the delivery of electrical energy from a pulsed power driver to a target, with an emphasis on providing validation data that can be used to benchmark models and simulations



Plasma Physics Grand Challenge LDRD

Objective: develop advanced multi-scale computational plasma physics models and methods with enabling algorithms, fundamental surface physics theory, and supporting experimentation and validation framework resulting in significant improvement in computational efficiency and fidelity for plasma physics simulation

