

Chamber Engineering Action Items (I)

- **Parameter window for film formation (S. Abdel-Khalik)**
 - Method of injection
 - Constraints on thickness (maximum and minimum)
 - Coverage issues (how to avoid dry spots)
 - Constraints from beam ports
- **Aerosol parametric studies (M. Sharpe)**
 - Aerosol formation from energy deposition (A. Hassanein)
 - Provide aerosol source term for Pb and FLiBe
 - Aerosol formation from condensation (P. Sharpe)
 - Use vapor source and aerosol source (parametric study) and assess aerosol characteristics before the next shot
- **Energy deposition and evaporated/ablated mass source term for direct drive and indirect drive target cases (D. Haynes)**
 - Mass source term after $\sim 1 \mu\text{s}$
 - Pb and FLiBe (Obtain FLiBe properties from D. K. Sze)
- **Condensation analysis using modified laser ejecta code (D. Blair)**
 - Condensation and chamber conditions prior to next shot

Chamber Engineering Action Items (II)

- **Calculate activation of FLiBe (L. El-Guebaly)**
- **Requirements from target (D. Goodin/R. Petzoldt)**
 - **Acceptable aerosol characteristics for direct-drive and indirect-drive target**
- **Requirements from driver**
 - **Acceptable chamber conditions (including aerosol characteristics) for beam propagation (C. Olson/S. Yu)**
 - **Acceptable chamber conditions (including aerosol characteristics) for laser (M. Tillack)**