***Workshop** on Accelerators for Heavy Ion Inertial Fusion*
Lawrence Berkeley National Laboratory
May 24-26, 2011.

Target Breakout Session

Perkins/Barnard — Overview and issues; Tabulation of major design questions and critical issues

Barnard – Phase space requirements for the various targets classes

Henestroza – X target progress

Terry — Review of work on heavy-ion tamped cannonball targets

Ho – Investigation of higher densities and rhoR's for X-target applications

Hoffmann – High Energy Density Physics with intense Heavy Ion Beams related to Inertial Fusion Energy (GSI overview –results/developments of beam plasma, and beam matter interaction processes studied with HI's)

Burke – The FPC plan for direct-drive cylindrical pellets with fast ignition in the 50 GW reactor design

Perkins – Optimization of polar drive

Logan/All – Discussion of specs for a future HI implosion facility — IRE/HIDEX, ...

Perkins/Barnard – Summary and updates to target summary table; critical issues needs