



Making Best Use of the Argonne Context for New HEPD Projects

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1. How can we use the multiprogram nature of Argonne to strengthen HEPD Projects and Proposals?

Collaboration with researchers and technical experts in other ANL divisions can provide clear benefits to everyone involved: broader technical expertise and experience, additional funding opportunities (LDDR and DOE), coupling to wider research and technical communities, differentiation from competition elsewhere, etc.

There are many examples of this from present projects and from past projects. Nevertheless, it is a dynamic situation, since the makeup and goals of the entire Argonne multiprogram scene are changing fairly rapidly these days. So it is worth reminding ourselves to keep well informed about the potential opportunities and impacts of other R&D at Argonne.

Examples of active Argonne areas which have provided excellent collaborative activities include materials science, computer science, APS accelerator science, superconducting rf cavities, etc.

To find new collaboration opportunities within ANL is seldom quick or easy. Some useful communication avenues are **seminars, in-person contacts, cross-division organizations such as the Argonne Accelerator Institute, LDRD proposals, and ALD's and other top management.**

2. How can HEPD play more substantial roles in future national and international HEP projects?

Here are a few examples of the kinds of projects I am talking about:

Nearing completion: CDF(1980), MINOS(1990), ...

Aborted: SSC(1988)

Present: ATLAS, ...

Future: LBNE /DUSEL /Project X , ILC /CLIC

Of course, primary starting ingredients for a substantial role are visible ANL contributions to the physics goals and major technical aspects of the project. These contributions can then develop into some leadership responsibilities if there is a strong ANL commitment to and involvement in the project, and if there is a natural and available such role for ANL-HEP. But achieving such a role will also require a sustained high level of visible commitment at ANL.

(It is my opinion that ANLHEP would have made important contributions to the SSC project if a significant ANL role had existed in that project).

Reviews of Accelerator Science and Technology

**The Supercollider: The Pre-Texas Days
A Personal Recollection of Its Birth and Berkeley Years**

**The Supercollider: The Texas Days
A Personal Recollection of Its Short Life and Demise**

**Stanley Wojcicki
Stanford University**

World Scientific 2008,2009

Nevada nuclear waste dump shutdown lacks master plan, report says

July 23, 2010 (from Reno, NV newspaper)

LAS VEGAS (AP) — An inspector general says the federal Energy Department is moving quickly with no master plan to shut down a project to bury the nation's nuclear waste in Nevada.

A report by Energy Department Inspector General Gregory Friedman says officials have used focus groups and set a Sept. 30 deadline to end the 28-year-long Yucca Mountain project, 90 miles northwest of Las Vegas.

Friedman's findings were reported Friday by Stephens Media's Washington bureau and the Las Vegas Review-Journal.

[It compares closing the \\$10.5 billion Yucca Mountain project to decommissioning the Superconducting Super Collider in Texas after the U.S. Congress killed it in 1993.](#)

Friedman promises a separate report on some \$175 million in "questioned" contractor and subcontract costs claimed by former project management and operating contractor Bechtel SAIC.

Bottom Line(s)

Two important challenges for HEP at Argonne are:

To continue to develop new collaborations with other Argonne divisions.

To build toward Argonne leadership roles in large new national and international projects.