

Notes for Discussion Session



*Abandon All Hope
Ye Who Enter Here
(There is No Additional
Funding).*

Dante Alleghieri
(Eliane Lessner)

“The Gates of Hell”, Auguste Rodin.

Purpose of This Session

- Discuss R&D priorities for the near, medium, and long term
 - Suggest/discuss how we define these categories
 - Solicit input from attendees for summary report
- Discuss coordination of laboratory R&D programs

Suggested “Time Scales” for R&D

- “Near term”
 - Directed toward on-going projects that have CD0 approval
 - *Note*: these are presumably funded and on-going

Suggested “Time Scales” for R&D

- “Medium term”
 - Directed toward accelerator projects that are approaching a well-defined proposal, i.e., have a strong science and plausible accelerator case but not CD0
- “Long term”
 - Exploratory accelerator R&D with no particular facility in mind (more “R” and less “D”)

Request for Input

- Participants may wish to send us a single slide (per subject) with bullets for R&D subjects
 - We'll digest and assemble these
 - These are **not** proposals, but discussion points
- Consider including
 - Brief description of the subject or issue
 - Brief description of anticipated impact on light sources
 - Classification as “near”, “medium”, or “long” term
 - Which labs would/should collaborate?
 - Can existing facilities be leveraged?
 - Anything else you think is interesting or relevant
- Please exclude
 - Highly specific proposals or requests for funds

Additional Discussion Points

- What are most critical R&D issues for
 - USRs?
 - ERLs?
 - FELs?
- Do laboratories coordinate internal (LDRD) R&D adequately?
 - Should they do more?
- Do we coordinate adequately with international organizations?