



PDS Consortium Meeting

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Collaboration Strategy for Consortia

- **Why Consortia?**

- Build collaboration detector activities around “**consortia of institutions**” responsible for detector sub-systems
- Consortia are collaborative efforts towards a common goal
- Use the consortia to facilitate the process whereby **institutions take on responsibility** for concrete tasks

- **Consortia vs. Collaboration**

- Collaboration management defines general strategy
 - **Already prepared a draft strategy for SP TPC Electronics**
- Consortia develops implementation plan
 - **Consortia take responsibility for internal organization, etc.**
- Major technical decisions taken by collaboration
 - **Technical Board, Executive Committee, ...**

Issues for SP-PDS

- **General Strategy**

- As part of developing a strong international collaboration, we have worked to have different countries and regions take a leading role in different sub-systems
- We expect that Latin America will play a leading role in the photon system

- **Expected Funding model**

- Latin America
 - Looking for a regional contribution, Brazil, Colombia, ...
- US
 - Some DOE project funds
 - Potential for NSF MRI
 - DOE base funding for scientific support

Issues for SP-PDS cont.

- **Consortium planning**

- Developing the plan for four FD modules (2 SP + 2 DP)
- Single Phase consortium should plan for **2 far detector modules**
 - funding model, etc.

- **Technology Choice**

- The technology choice depends on system performance — **no decision has been made**
- The goal is to deploy the best system with the resources available
- Expect consortium members to work collaboratively to develop plans and arguments for technology choice
- Funding sources could be coupled to technology choice; if multiple designs achieve the system goals, it is natural to consider funding sources in making technology choice.

Questions ?