

Fermilab Community Advisory Board January 25, 2024 meeting

Members attending: Larry Brenner, Kathryn Davolos, Robin Ficke, Ellen Huxtable, Dean Kilburg, Tim Klaus, Britta McKenna, Arnolfo Santoro

Fermilab/DOE personnel attending: Whitney Begner, Bonnie Fleming, Kim Mazur, Rae Moss, Nahn Tran, Rebecca Thompson

Welcome and Introductions

Rebecca Thompson

News from the Lab

Rae Moss

Presentation and links to communication highlights are linked in the agenda.

P5 Report

Bonnie Fleming

Presentation linked in the agenda.

Comments:

- This process is every 7-10 years and provides guidance for the next decade. It is a 10 year plan with 20 year vision.
- In response to question whether it is risk tolerate or innovative - definitively taking risks, peppered throughout is the push to do R&D, if we don't do it we will miss out on advances in the future.
- This plan takes advantage of Fermi's core capabilities.

Artificial Intelligence

Nhan Tran

Presentation linked in the agenda.

Comments:

- Machine learning is a subset of AI, AI is a way to encode some form of decision making, it is really broad and been around forever. The thing that has changed is the scale.

What Fermilab should know

All

Powerpoint presentations of lab highlights for city council meetings last year were helpful and would appreciate an updated slide deck

Suggestions for meeting topics:

- in warm weather natural areas, bison, explore as CAB
- guest artist and guest composer programs
- update on welcome center
- educational programs – SMP, etc. – state of all of those and who are they offered for
- internships at the lab – what is offered and how can we promote