



# Virtual Fermilab Family Open House

Community Advisory Board

Nov. 19<sup>th</sup>, 2020

# Fermilab Family Open House Background



**A high school volunteer helps a student learn about complete circuits with a dexterity challenge.**

- The Fermilab Family Open House, occurring the second Sunday in February, brings almost 4,000 people to Fermilab
- Events included tours, interactive demos, demo shows, Artificial Reality (AR), scavenger hunts, informal Q&A with scientists, and Mr. Freeze
- The event gives the community a chance to interact with Fermilab science up close, see the scale of Big Science, talk with scientists, and have hands on experiences with science.
- The event also gives the Fermilab Employees and Users a chance to interact with the community beyond the lab and directly see the impact of their work.

# How can we achieve this experience virtually?

## Virtual Family Open House Feb. 10-14th

- Give the community a chance to interact with Fermilab
  - Virtual Tours, Demo Shows, Fermilab Story time each evening, Artist Talk, Fermilab Trivia, Bison-cam, American Indian Center presentation on the history of Fermilab's land
- See the scale of Big Science
  - It is very difficult to truly understand the scale of Fermilab experiments virtually; we are excited for in person events after COVID restrictions are removed.
- Talk with Scientists and other Fermilab employees and users
  - Ask a Scientist, Kids as Science Journalists, virtual school visits
- Have a hands-on experience with Fermilab science
  - High school "Physics Carnival," "Lab in a Bag," focused daily hands-on activities
- Give scientists a chance to interact with the community beyond the lab
  - In addition to the events listed above, which all involve the lab community, we are soliciting ideas from the broader lab community

# Effectively Utilize the Virtual Platform and 5-day format

- Reach: A virtual event this year is likely to generate a broader national and international reach
- Engagement: Content submitted by participants this year, such as “Be a Part of pARTicles”
- Muti-day participation: Certain activities spanning multiple days, such as a 5-day scavenger hunt
- Platform: The target launch date of the updated EPE website is shortly before Family Open House
- Learning: Daily events allow for highlighting different topics using the same method, such as daily Fermilab Story Reads using a different book each day.
- Connection: The 5-day model allows for classroom visits, which is not possible with a weekend event
- More info at January CAB meeting. See you in February!