DUNE at the Royal Society Summer Exhibition 2024

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UNIVERSITY OF SUSSEX
KICK OFF MEETING FRIDAY 8TH MARCH 2024

RSSE24

The <u>Summer Science Exhibition</u> is a free, week-long festival celebrating cutting edge UK science 2 - 7 July.

Title: Capturing Natures Ghosts DUNE UK Partnership

10,000 visitors attend

- 7,000 members of the public
- 2,000 school students and teachers
- 1,000 invited guests from media, government and policy influencers.



GOALS

Key Messages:

- DUNE UK Community: Who we are, our role in the experiment
- Neutrino Physics: What are neutrinos? Why do we study them?
- Detector Technology: How to we detect the invisible?

Goals:

- Engage **young** people and **teachers** with fundamental physics, neutrino physics and **research careers**
- Invite the media and policy makers to appreciate the UK effort and leadership
 in neutrino physics and the DUNE experiment
- **Communicate** and **engage** the public about the DUNE experiment, and neutrino physics

ITEMS

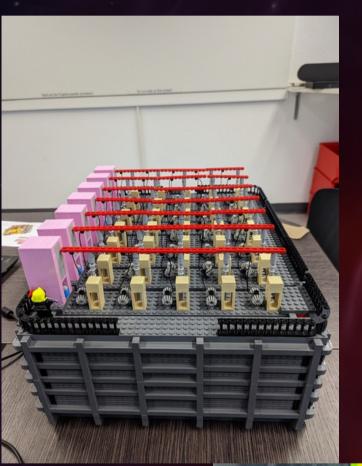


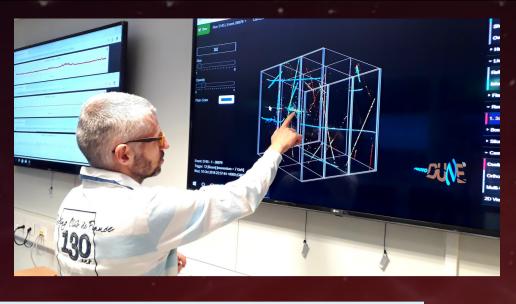


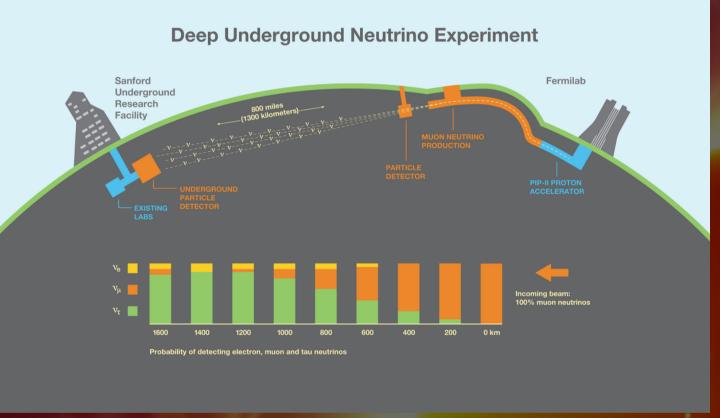
DUNE Detector

LED Detector Game













Materials

- Brochure about DUNE for UK audiences
- Stickers
- Colouring in Sheets
- Dune Posters
- Pins / badges
- TShirts for Volunteers
- Water Bottle for Volunteers

Online materials and multimedia content will be made available on DUNE UK website for the public.



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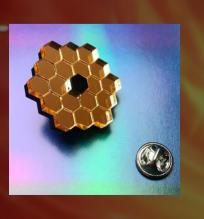
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Communications

- Issue a 'press release to each university office in line with the Royal Society
- Look for radio / print opportunities both locally, regional, nationally
- Social media campiagn in line with Roayl Society and institutes
- Promotional Video

Content

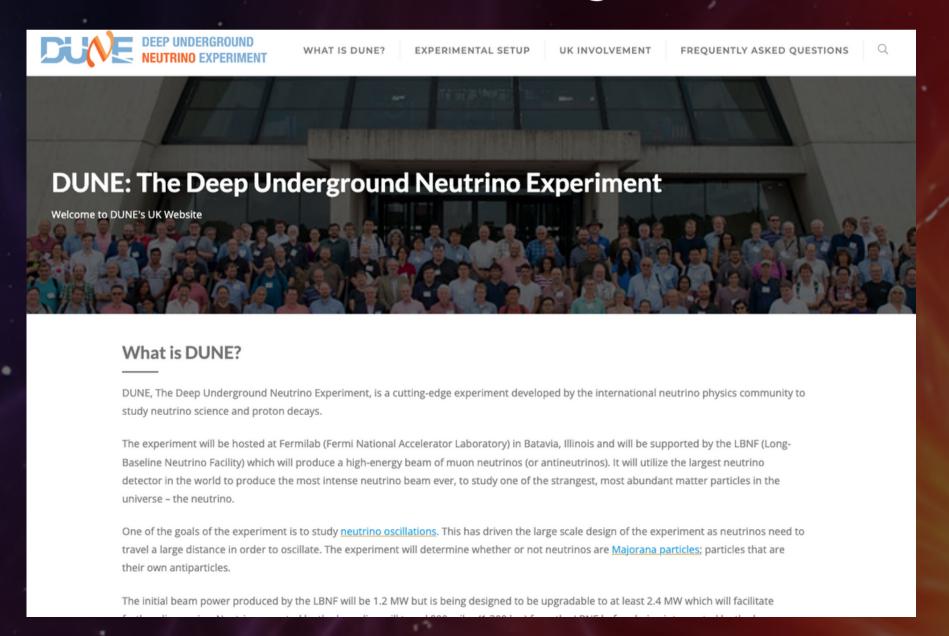
- Vidoes of work going on in labs (Daresbury, Manchester...)
- Photos of volunteers doing DUNE Science Across the Country
- Written content about neutrinos

DUNE UK Website

We will work with the website group and Lancaster to update the DUNE UK webpages which is very nice shape!

Multimedia and online resources will go here, and the website will be

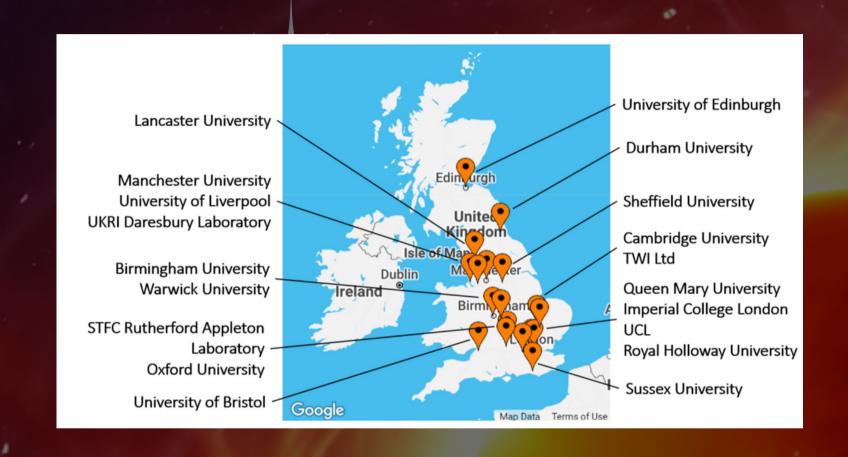
advertised.



TEAM: DUNE UK

We invite all Institutions to partner for the exhibition as a DUNE UK effort.

- Liaise from each university to join organising committee
- Suggested institutional financial contribution £1-2k
- Volunteers from DUNE UK for 6 days,
 + 3 soiree evenings. 4 people at stand at any one time (~40++!)
 - To discuss if we pay travel via DUNE travel grant?



STFC, CERN, FERMILAB will also partner

ROLES

- 1. Exhibition coordination Sussex
- 2. Volunteer coordiantion Imperial
- 3. Workshop volunteers to make items Lancaster, Sussex
- 4. Festival and exhibition coordination to organise loaning and transportation of the exhibit going forward next two years
- 5. Monitoring and Evaluation strategy
- 6. Website group
- 7. Brochure, Posters and written content group
- 8. Multimedia manager
- 9. Communications manager