

Welcome to Berkeley Lab!



Tony Spadafora
Division Deputy, Physics Division

Grad Student Open House 2025

Safety at LBNL

US DOE Facility

- Obey all posted signs

Pedestrian Safety

- Use sidewalk and crosswalks
- Watch your step!
- Do not interact with wild animals



Traffic Safety

- Speed limit is 15 mph on most of site due to construction
- Follow traffic, parking and pedestrian signs and markings

Smoking

- In designated areas only



Earthquake Response



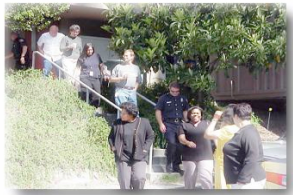
Drop down on the floor



Cover under a sturdy desk, table or other furniture



Hold onto it and be prepared to move with the furniture



Evacuate to assembly area (usually in parking lot). Take personal items.

Follow Directions from the Building Emergency Team

Reporting Emergencies

–Dial **911** for life threatening emergencies

–Dial **6999** for non-life threatening events



Plan for today

Presentations from Research Groups

- 9:00 Welcome to Berkeley Lab - Tony Spadafora
- 9:10 Particle Physics & Cosmology at Berkeley Lab - Nathalie Palanque-Delabrouille
- 9:25 Collider Physics - Simone Pagan Griso
- 9:35 Heavy Ion Physics - Nikki Apadula
- 9:45 Cosmology - John Groh
- 9:55 Dark Matter/QIS Sensors - Peter Sorensen
- 10:05 Neutrino physics - Cheng-Ju Lin

(Slides will be available <https://indico.physics.lbl.gov/event/3171/>)

10:40 – 12:00 Lab tours (Bldgs. 50 and 70)

Lab tours: ATLAS, DESI, CMB/Dil Fridge, Dark Matter/Dil Fridge, DUNE, Xe lab

12:10 Bus departs for campus, same location as drop-off point

Plan for today

| Group A - Tony Spadafora tour guide | | | |
|--------------------------------------|----------------|-----------|-------------------------------|
| Time | Lab | Bldg-Room | Lab Lead |
| 10:40 AM | ATLAS | 50-6238 | Timon Heim |
| 10:50 AM | DESI lab | 50-6040 | Claire Poppett, Abby Bault |
| 11:00 AM | CMB/Dil Fridge | 60-6016 | Toki Suzuki, Kaja Rotermund |
| 11:10 AM | DM/Dil Fridge | 50-6003 | Junsong Lin, Michael Williams |
| 11:20 AM | DUNE | 70-141 | Dan Dwyer, Stephen Greenberg |
| 11:35 AM | Xe lab | 70A-2263 | Aaron Manalaysay |
| <i>12:00 End of tour</i> | | | |
| | | | |
| GROUP B - Ingrid Peterson Tour guide | | | |
| Time | Lab | Bldg-Room | Lab Lead |
| 10:40 AM | CMB/Dil Fridge | 60-6016 | Toki Suzuki, Kaja Rotermund |
| 10:50 AM | DM/Dil Fridge | 50-6003 | Junsong Lin, Michael Williams |
| 11:00 AM | ATLAS | 50-6238 | Timon Heim |
| 11:10 AM | DESI lab | 50-6040 | Claire Poppett, Abby Bault |
| 11:20 AM | Xe lab | 70A-2263 | Aaron Manalaysay |
| 11:35 AM | DUNE | 70-141 | Dan Dwyer, Stephen Greenberg |
| <i>12:00 End of tour</i> | | | |