



**SANFORD
UNDERGROUND
RESEARCH
FACILITY**

**Theia
Site Visit Schedule
Monday, December 1, 2025
8:20 a.m. (MT) Arrival**

GENERAL INFORMATION

- A list of **visitor names** must be provided at least 1 week in advance of arrival.
- **Foreign Nationals (non-U.S. citizens)** must complete an **access form** 1 week before arrival (<https://sanfordlab.org/sarf>) and present a valid **passport** or **visa** upon arrival onsite.
- SURF's website and visitor information (including directions): <https://sanfordlab.org/visitor-information>.

UNDERGROUND SITE VISIT

Anyone entering the underground must be **18 years or older**, must complete **safety training**, and must sign two waivers: 1) **Acknowledgement of Risk** and 2) **Release, Agreement not to Sue and Waiver**.

Temperatures will be in the low- to mid-70°s Fahrenheit (low 20°s C) on the 4,850-foot level.

For safety purposes, visitors are required to wear clothing that is appropriate at a construction site: **full-length pants or jeans, shirt with at least quarter-length sleeves, sturdy, closed-toe shoes, and socks**. (Sandals, high heels, or open-toed shoes are **not** permitted.) SURF provides all required personal protective equipment (PPE)—vests/coveralls, hardhats, cap lamps, safety glasses, etc.

Restrooms are available underground. Cameras are welcome.

Visitors going underground must be able to perform the following activities:

- Don and wear the required PPE (potentially including a fall protection harness).
- Don and use a self-rescuer.
- Walk across uneven or slippery surfaces for distances more than one mile (~1.6 km).
- Walk in both warm/hot and humid conditions.
- Tolerate changes in elevation.
- Tolerate standing in very close proximity to others while riding in the personnel cage.
- Recognize and respond to emergency signals and signs (visual, auditory, and olfactory).
- Travel to egress points unassisted, and under their own power.
- Ascend and descend up to three flights of stairs at a time.

To access Fermilab space underground, each attendee must **complete an online form**:

https://fermi.servicenowservices.com/expert_shell.do?sysparm_sys_id=63f9f6a8dbd148104e65ff621f961975.

Badge Request:	Business Visitor	Onsite or Virtual:	Onsite
Affiliation:	South Dakota Division	Dates:	December 1, 2025
POC:	Travis Davis (<i>use magnifying glass</i>)	Fermilab Site:	Lead, SD
Purpose:	Information Meeting	Building:	South Dakota
Description:	SURF Visit		
	(SDSTA POC: Jaret Heise, (605) 641-5718)		

Each attendee will receive an "Informal Invitation" email from the Fermilab Service Desk.

We will coordinate with Fermilab staff to verify IDs and issue badges. (Attendees **should not** email SDCampusAccess to schedule an appointment as instructed in the invitation email.)

Important: Attendees will be required to show a physical **REAL ID** upon arrival at SURF (no photocopies).

More information about Fermilab's badging process is available:

<https://get-connected.fnal.gov/business-visitor-access/>.



Theia
Site Visit Schedule
Monday, December 1, 2025
8:20 a.m. (MT) Arrival

V3

Attendees

Gabriel Orebi Gann
David Asner
Joshua Klein
Christine Kraus
Robert Svoboda
Jingbo Wang
Alfons Weber
Michael Wilking
Minfang Yeh

Guide(s)

Mike Headley, Executive and Laboratory Director
Wendy Straub, Chief Operating Officer
Al Stratman, Engineering Director
Jaret Heise, Science Director

Trip Action Plan (TAP) ID: [69626](#)

Day #1: Theia – Monday, December 1, 2025

Time	Activity	SDSTA Lead / Facilitator	Location
8:00 a.m. (20 min)	FNAL badging (REAL ID; passport and Visa documents for FNs)	FNAL South Dakota Campus Access	Fermilab Office 206 Ellison Court
8:20 a.m. (10 min)	Arrive at SURF Stop at Yates Guard House for parking directions	Security Support	SURF Yates Complex 630 East Summit St Lead, SD
8:30 a.m. (10 min)	Check-in / SURF badging	Kreitzinger	E&O Conference Rm
8:40 a.m. (40 min)	Introductions and SURF overview	Headley	E&O Conference Rm
9:20 a.m. (60 min)	Theia overview (concept and science program)	Theia	E&O Conference Rm
10:20 a.m. (15 min)	BREAK		E&O Conference Rm
10:35 a.m. (30 min)	Theia design and requirements	Theia	E&O Conference Rm
11:05 a.m. (20 min)	SURF experiment implementation and integration support	Heise	E&O Conference Rm
11:25 a.m. (20 min)	SURF facility constraints: ventilation, heat rejection, logistics	SURF (Pietzyk, Connot <i>et al.</i>)	E&O Conference Rm
11:45 a.m. (10 min)	SURF facility constraints: power	SURF (Bauer <i>et al.</i>)	E&O Conference Rm
11:55 a.m. (30 min)	Discussion of constraints / requirements of deployment at SURF	All (Stratman <i>et al.</i>)	E&O Conference Rm
12:25 p.m. (45 min)	LUNCH (incl Safety training and waivers)	Kreitzinger ESH Support	E&O Conference Rm



**SANFORD
UNDERGROUND
RESEARCH
FACILITY**

**Theia
Site Visit Schedule
Monday, December 1, 2025
8:20 a.m. (MT) Arrival**

Time	Activity	SDSTA Lead / Facilitator	Location
1:10 p.m. (20 min)	Don PPE	Security Support	Yates PPE Room / Ramp
1:30 p.m. (10 min)	Shuttle to Ross	Security Support	Ross Complex
1:40 p.m. (15 min)	Brass in Cage down to 4850L (special time)	Guides Ops Support	Ross Shaft
1:55 p.m. (10 min)	Escort through LBNF/DUNE construction area	LBNF/DUNE Rep Guides	4850L South Drift
2:05 p.m. (30 min)	LBNF/DUNE cavern overlook (lower cavern access, if possible)	LBNF/DUNE Rep Guides	LBNF/DUNE
2:35 p.m. (10 min)	Escort through LBNF/DUNE construction area	LBNF/DUNE Rep Guides	4850L South Drift
2:45 p.m. (45 min)	Ross Campus and Expansion briefings	Headley, Stratman, Heise	4850L Ross Campus 4850L Expansion
3:30 p.m. (10 min)	Cage up to Surface (regular time) Brass out	Ops Support Guides	Ross Shaft
3:40 p.m. (10 min)	Shuttle to Yates	Security Support	Ross Complex
3:50 p.m. (15 min)	Return PPE	Guides Security Support	Yates Ramp / PPE Room
4:05 p.m. (15 min)	Yates Hoistroom (optional)	Headley, Stratman, Heise	Yates Hoistroom
4:20 p.m. (20 min)	Initial debrief following UG visit	All	E&O Conference Rm
4:40 p.m.	Adjourn Day #1		

Day #2: Theia – Tuesday, December 2, 2025

Time	Activity	SDSTA Lead / Facilitator	Location
9:00 a.m. (60 min)	Discussions of space	All (Theia, Stratman et al.)	E&O Conference Rm
10:00 a.m. (60 min)	Follow-up topics based on UG visit (incl any carry-over)	All	E&O Conference Rm
11:00 a.m. (45 min)	Final questions, next steps	All	E&O Conference Rm
11:45 a.m. (15 min)	LUNCH (grab 'n go)	Kreitzinger	E&O Conference Rm
12:00 p.m.	Adjourn Day #2 / Depart		



**SANFORD
UNDERGROUND
RESEARCH
FACILITY**

**Theia
Site Visit Schedule
Monday, December 1, 2025
8:20 a.m. (MT) Arrival**

Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	11/1/2024	NA	NA	Initial Release	CCR 1022