



CONFERENCE ON SCIENCE  
AT THE

# SANFORD UNDERGROUND RESEARCH FACILITY

SD Mines campus, May 14-17 2019

The South Dakota School of Mines & Technology will host the third Conference on Science at the Sanford Underground Research Facility to address scientific research related to the laboratory in nearby Lead, SD. Scientists from around the world are conducting the LUX-ZEPLIN (LZ) dark matter search, the MAJORANA DEMONSTRATOR project, CASPAR, SIGMA-V, and other experiments in geology, astrophysics, biology, and engineering. The onsite work on the Deep Underground Neutrino Experiment (DUNE) has just started.

Scientific areas of discussion include: Neutrino Oscillations, Proton Decay, Nuclear Astrophysics, Dark Matter, Neutrinoless Double Beta Decay, Materials Science for Nuclear and Particle Physics, Geology, and Astrobiology and Life in Extreme Environments.



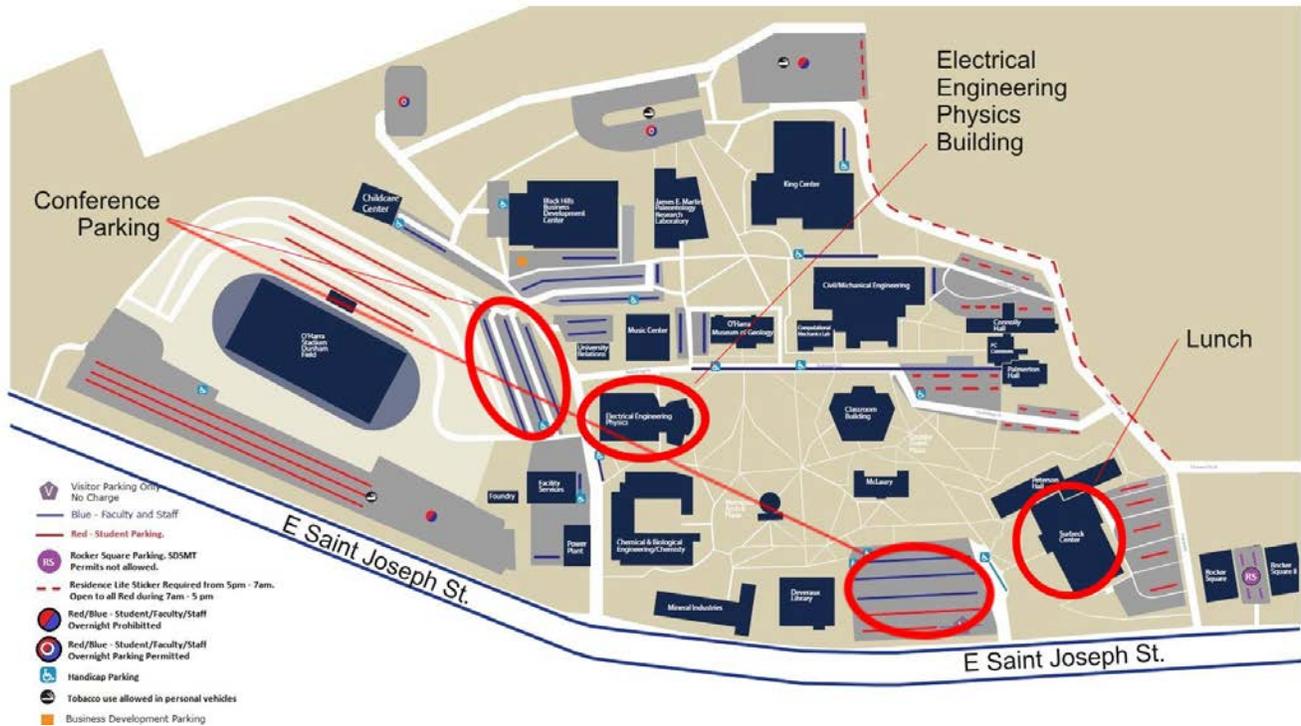
U.S. DEPARTMENT OF  
**ENERGY**

Office of Science

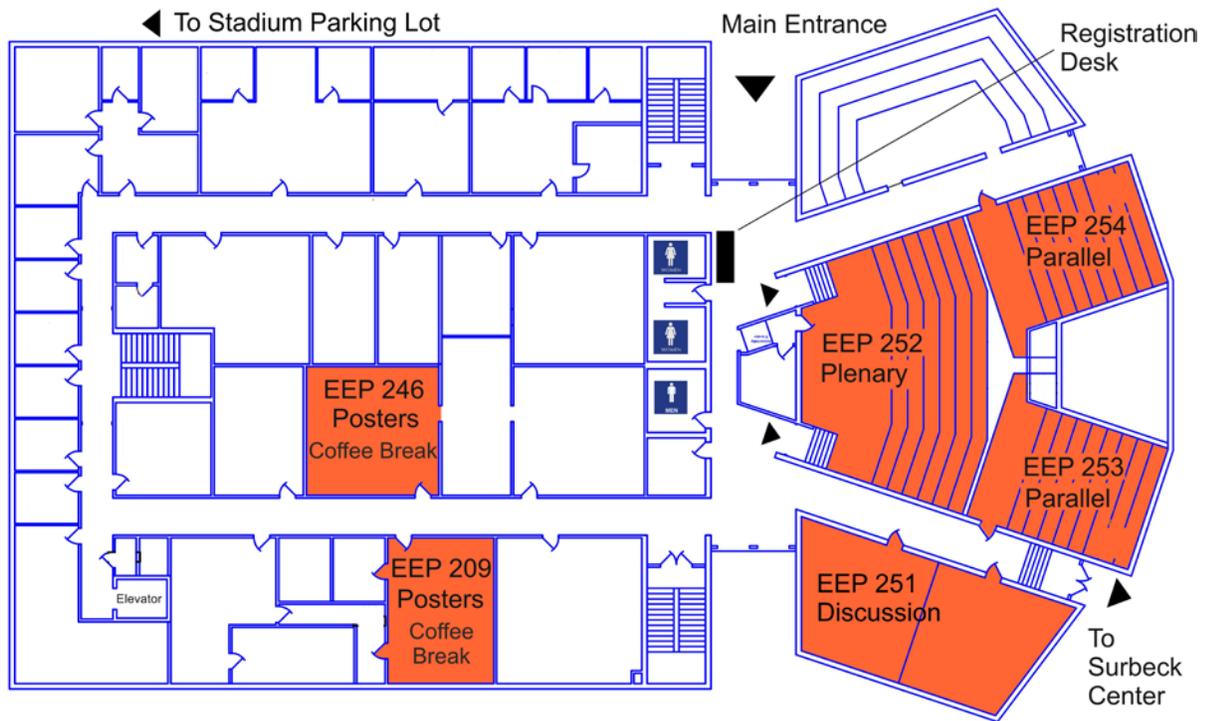


# Maps of Conference Venue

## South Dakota School of Mines & Technology Campus Map



## Physics Building (Main Floor)



## Local Transport

Transport between the Rushmore Hotel and the Conference Site in the morning and the afternoon of each day will be organized by Dakota Bus Service from Wednesday to Friday and by a South Dakota State vehicle van for the workshop participants on Tuesday.

There will two shuttle trips departing from the Rushmore Hotel to SDSM&T EEP Building

(1) at 8:00 AM from Rushmore – drop off at SDSM&T 8:10 AM

(2) at 8:20 AM from Rushmore– drop off at SDSM&T 8:30 AM

Shuttles to return from the SDSM&T campus to the Rushmore Hotel :

(1) at 5:45 PM from SDSM&T EEP – drop off at Rushmore Hotel 6:00 PM

(2) at 6:15 PM from SDSM&T EEP – drop off at Rushmore Hotel 6:25 PM

Additionally, the Rushmore Hotel has agreed to provide an individual Shuttle Service to participants of the conference on request. Please organize such trips directly with Hotel Reception.

There is no general transportation organized for the afternoon of Friday, May 17<sup>th</sup>. If you have any transportation needs on Friday after the end of the conference please contact the Registration Desk in front of the auditorium.

## Campus Parking

Parking on campus of the South Dakota School of Mines and Technology is free during the summer holidays.

Special Event signs will guide you from St. Joseph Street to the central university parking lot in front of McLaury Building and Surbeck Center. Additional parking is available at the Stadium. Please review the campus map for the closest parking lot to the conference site.

## Social Program

### **Tuesday, May 14<sup>th</sup>: Registration reception**

A reception will be held at the Rushmore Hotel from 5:00 to 8:00 PM. Take care of your registration early while meeting fellow participants in the conference and enjoying cookies and refreshments (sodas, coffee, tea).

Alcoholic beverages can be purchased and carried over from the hotel's bar.

### **Thursday, May 16<sup>th</sup>: Banquet (\$45.00/person + cash bar)**

A banquet will be held at the Rushmore Hotel from 6:00 to 9:00 PM. Food will be served at 7:00 PM as a buffet with choice of grilled salmon or steak, various vegetables, starches, salad and desserts.

### **Thursday, May 16<sup>th</sup>: Tour of SURF**

SURF tours are very popular, so we would like to accommodate as many people as possible. The tour will depart SD Mines at 12:30 pm (taking a box lunch with them) and return at about 6:00 pm.

## **Presentation and Presentation Format**

Presentations can be projected in format 4:3 and 16:9. However, for best results a slide format of 4:3 is preferable.

Please upload your presentation to the computer in the lecture hall prior to the start of your session. Personal notebooks can be connected to the projector by a HDMI port.

## **WIFI**

Wireless guest users at SD Mines may connect to **sdsmtopn**. This broadcast network requires no encryption or key. For some computers, users may have to perform a 'repair' on their wireless network card after setup before their machine will connect. Guests may see several other wireless networks being broadcast, but sdsmtopn is the only open network.

## **Code of Conduct**

It is the policy of the conference organizers that all participants, including attendees, vendors, university staff, volunteers, and all other stakeholders at the Conference of Science at the Sanford Underground Research Facility will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, harassment, or retaliation. Participants will treat each other with respect and consideration to create a collegial, inclusive, and professional environment. Creating a supportive environment to enable scientific discourse at the conference is the responsibility of all participants.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic protected by law. Disruptive or harassing behavior of any kind will not be tolerated. Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, unwanted touching or attention, offensive images, photography without permission, and stalking.

Violations of this code of conduct policy should be reported to the conference organizers. Sanctions may range from verbal warning, to ejection from the meeting without refund, to notifying appropriate authorities. Retaliation for complaints of inappropriate conduct will not be tolerated. If participants observe inappropriate comments or actions and personal intervention seems appropriate and safe, they should be considerate of all parties before intervening.