

## Minnesota-Fermilab Snowmass 2021 Proposal

### A. Dorms:

*Total number of people that could be accommodated in the dorms for Snowmass in July 2021 and when do you have to reserve them.*

The University of Minnesota has 7 residential buildings within a 5 to 10 minute walk of the central Workshop venue in Tate Hall (<https://uces.umn.edu/halls>) (Territorial, Centennial, Frontier, Comstock, Yudof, Seventeenth). Each of these buildings has between 100 and 300 housing units, ranging from single rooms to two-bedroom suites with bath. For Snowmass 2013 (690 registrants), University residence halls provided housing for 370 participants, almost all in single rooms. Assuming the same ratio of dorm residents to total participants, Snowmass 2021 would require ~600 rooms. We have consulted the UMN Housing Office which sees no particular problem with this requirement. Preliminary reservations can be made now, so there will be no uncertainty about the availability of dorm rooms and we can lock in our choice of room configurations.

*Of these dorms, what are their configurations: How many singles, doubles, suites... shared or private bathrooms?*

Configurations range from single rooms with shared or single bath to two-bedroom suites with bath, and details can be found at <https://uces.umn.edu/halls>. The original proposal listed five hotels within walking distance of the UMN campus. Four of the five hotels are also very near to an LRT (light rail) Station. All of the hotels have indicated their willingness to conform to the GSA price cap, which is currently \$157 (FY 2020). With the large number and variety of dorm rooms and these hotels we expect all participants can find excellent housing at an affordable cost. Dorm prices were given in the original proposal: for brevity, anywhere from \$37-\$66/night. Again, since we can make preliminary reservations now, we will have our first choices.

*Age of dorms and amenities*

Amenities in all buildings include linens, towels, pillows, high-speed WiFi (and 1 GB wired ethernet in each room), computer labs with printers, and free laundry. Dining and Parking are available at an additional cost (but we do not believe cars are needed). Multiple parking facilities are a short walk from the dorms. All buildings are wheelchair-accessible, air-conditioned and equipped with sprinklers. Individual buildings have additional amenities which are described on the website (<https://uces.umn.edu/halls>). Briefly, the 17<sup>th</sup> Avenue Residence Hall, which can accommodate 600 guests, was constructed in 2013. Other dorms were constructed in the 1950s and 1960s but two of the dorms were renovated/expanded in 2001-2002. The website fully describes the age and renovation status of each building.

*How much \$\$ and time would it take to travel to and from the dorms to the meeting.*

No more than a 5 to 10 minute walk. We point out that the conference halls, dorms, running/cycling trails, and the recreation center are all within 1/2 mile of each other.

### B. Local Organizers:

*What is the size of the three biggest conferences you have done in the last 5 years?*

Professional staff from the University of Minnesota Conference Services and the Fermilab Conference Office will participate in the organization of Snowmass 2021. Some of these people were involved in the organization of Snowmass 2013. Fermilab and the UMN School of Physics

and Astronomy will provide additional administrative staff. The Fermilab Conference Office, which will fully participate as needed, runs large conferences on a regular basis (for example DPF 2017 with 688 participants).

*Previous and Current Conferences for the UMN Conference Services:*

Virology 2019 (1,500 Participants), Soccer Cup (650 Participants Every Year), Puppeteers of America (2019) (400 Participants), NFL Honors Awards Event 2018 (2,500 Participants)

*Previous and Current Conferences for the School of Physics and Astronomy:*

Conference for Undergraduate Women in Physics (CUWIP 2020) (200 Participants), Co-Chair Neutrino 2020 (~900 Participants), American Astronomical Society—Solar Physics Division (2019), (300 Participants)

*Fermilab Conference Office:*

Aside from DPF 2017 (688 participants), there are too many conferences to list. See <https://conferences.fnal.gov>.

*How many faculty are realistically going to be involved?*

We expect all twelve members of the Local Organizing Committee, both from UMN and Fermilab, to plan, attend, and participate in Snowmass 2021. Several of them have organized similar scale conferences in the past and are well aware of the logistical challenges and can call on others at both UMN and Fermilab for help and experience. Hence the Committee is large and experienced with this scale of conference organization. The intensity of significant work will scale upwards as the time for the Workshop approaches but with a dozen members and other Fermilab scientists and support staff to call on we will be capable of handling whatever is required.

*What technical and conference organization support (e.g. IT staff, admin staff) will the University or Universities provide?*

The University of Minnesota provides 24/7 support for its eduroam campus network and for other IT problems by phone (612-301-HELP) or email ([help@umn.edu](mailto:help@umn.edu)). Walk-in help for hardware or software is also available during normal working hours.

The University also provides support for conference video services (<https://it.umn.edu/service-details/video-event-onsite-support>).

As already discussed, both the University of Minnesota and Fermilab will provide conference specialist and general administrative support. The Fermilab Directorate has already indicated that with the relatively short distance to UMN it can easily send support staff as needed.

Fermilab's Communications Office has extensive experience with social media platforms and can assist with or establish whatever is best for Snowmass. The Fermilab co-chair and Prisca Cushman, current DPF Chair at UMN are already teaming up: they set up the Snowmass 2021 Slack channel and distributed sign-up information, which is now actively being used with 200 members and climbing. They arranged for Fermilab's Computing Division to host the Snowmass 2021 Wiki site, already in use, at no charge.

### C. Family matters:

#### *Types and number of week-long day camps (5 -15 yrs olds)*

General: <https://youthcentral.umn.edu/programs>

Sports: <http://recwell.umn.edu/programs-youth-programs>  
<https://gophersports.com/sports/2018/5/21/camps.aspx>

Science: [www.bellmuseum.umn.edu/camps](http://www.bellmuseum.umn.edu/camps)

Science Museum of Minnesota: <https://www.smm.org/classes/registration>

Theater: <https://www.childrenstheatre.org/education/classes-and-camps>

Art: <https://new.artsmia.org/programs/youth-and-family/youth-teen-studio-programs/>

#### *Child care options: Capacity and proximity*

The website <https://www.parentaware.org/search/#/> provides multiple child care options. This website provides an estimate of the distance between each childcare facility and a specific street address. The street address for Tate Hall is 116 Church St SE Minneapolis 55455.

#### *Daily recreation and exercise options*

Minneapolis reputedly has the best park system of the 100 biggest cities in the country; #2 is St. Paul: <https://www.nytimes.com/2016/05/27/science/urban-parks-ranking-minneapolis.html?action=click&module=RelatedLinks&pgtype=Article>

The campus area has extensive running/cycling paths along both sides of the Mississippi River Gorge extending both upstream and downstream from the University campus. Bicycles may be rented and returned from/to automated stations scattered across the city with many stations clustered around the University campus (<https://www.niceridemn.com>). The mostly flat terrain of Minneapolis and an extensive bike path network (<https://moveminneapolis.org/bicycle/bike-route-maps/>) facilitates exploring the city by bicycle. For example, lakes within the city offer a dozen convenient outdoor swimming beaches ([https://www.minneapolisparks.org/activities\\_events/water\\_activities/beaches/](https://www.minneapolisparks.org/activities_events/water_activities/beaches/)).

Several thousand dockless scooters are also available for rental from four companies (JUMP, Lyft, Spin and Lime). Many of the scooters are scattered around the University campus.

The University has a large, well-equipped recreation complex: <http://recwell.umn.edu>. The four recreation buildings located near Tate Hall represent an investment of \$100 million. In addition to multiple stations with the usual health club facilities, the RecWell complex includes an Olympic-size swimming pool, a diving well, two smaller pools, 19 squash/handball courts and two running tracks. The dorms, conference halls, and recreation center are with ¼ mile of each other (#9 on the map in the original proposal).

There is much for families to do in Minneapolis/St. Paul, which has excellent public transportation and a light rail stop nearby; the campus itself is well-served by buses. Family members will not need to take Ubers, taxis, or be caught in traffic. St. Paul has been undergoing a renaissance and light rail can easily take families from campus from one Twin City to the other. See, for example, <https://www.washingtonpost.com/graphics/2019/lifestyle/vacation-ideas/things-to-do-in-st-paul/>