

NHERI Council Monthly Meeting No. 11 in Y-5
May 6, 2021, 2:00 – 3:00 PM EDT

NHERI Council – Spring 2021 Meetings

Time: May 6, 2021 02:00 PM 02:00 PM Eastern Time (US and Canada)

Please download and import the following iCalendar (.ics) files to your calendar system.

Monthly: https://DesignSafe-ci.zoom.us/meeting/tJ0tcu2hqDljG9e7GApyOsm-Ry7uJ6nWMzda/ics?icsToken=98tyKuChrj4uE9KcuRiERox5Ao_4LPPwplhEjfpYyzjEEzl8cQ67BPsVJ5gpHu_9

Join Zoom Meeting

<https://DesignSafe-ci.zoom.us/j/99054969913>

Meeting ID: 990 5496 9913

Find your local number: <https://DesignSafe-ci.zoom.us/u/ac4LMMk510>

Attending:

- Oregon State University: Dan Cox (EF Dir.) Hinsdale
- University of California, Berkeley: Sanjay Govindjee (Co-Dir.), and Matt Schoettler (Assoc. Dir. – Ops), SimCenter
- University of California, Davis: Ross Boulanger (EF Dir) CGM
- University of California, San Diego: Joel Conte (EF Dir., Council Chair) LHPOST
- University of Colorado Boulder: Lori Peek (Dir., CONVERGE)
- University of Florida: Jennifer Bridge (EF Dir.) Powell Lab
- University of Texas at Austin: Tim Cockerill (Dep. Proj. Dir.) DesignSafe-CI)
- University of Texas at Austin: Ken Stokoe (EF Dir.), Texas Mobile Equipment Facility
- University of Washington: Jeff Berman (CoPI and Fac. Manager) RAPID
- National Science Foundation: Joy Pauschke (Prog. Dir, NHERI)
- Purdue University: Julio Ramirez (NCO Dir., Council Secretary)
- Florida International University: Ioannis Sizis (CoPI) WOW
- Lehigh University: Jim Ricles (EF Dir.) ATLSS

Minutes

1. Attendance

See previous page for attendees

2. Review and Approval of Minutes (previously distributed) Meeting No. 10 (4/1/21) in Y-5 (Conte)

Approved Minutes are posted at: <https://www.designsafe-ci.org/facilities/nco/governance/nheri-council/>

Minutes were approved as distributed. Lori Peek move and Jeff Berman second the motion

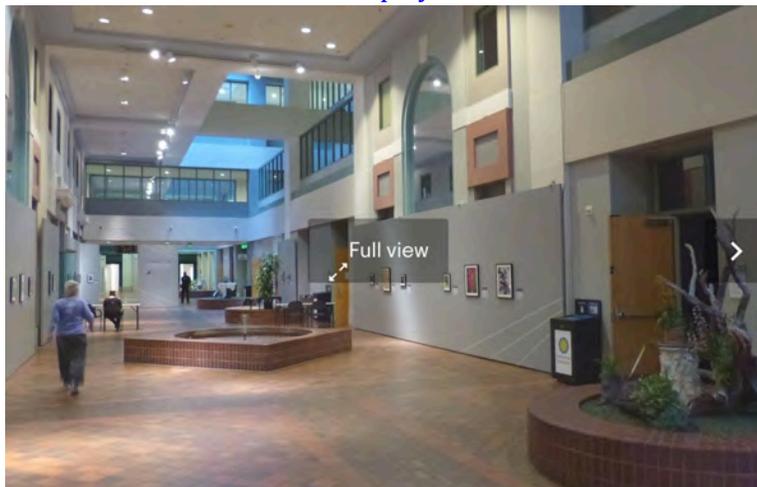
3. Continuing Business

a) Update NHERI Researchers Meeting. (Dan and Julio) (15')

The task group of the Council with the addition of Stephanie Smallegan (User Forum Chair), Bill Hansmire (NIAC Chair) and John van de Lindt (NIAC vice Chair) met on April 15 and the notes from the meeting are attached to these minutes. Summary of the items discussed during the Council meeting:

- Big tent meeting style of the first day with more focused meetings during the second day
- More likely date: Fall 2022
- Venue DC area. With the first day at a high profile site like the National Building Museum, or the Smithsonian Underground (Ripley Center). The second day could be in hotel venue with multiple smaller meeting rooms

S Dillon Ripley Center



- Several session ideas were discussed:
 - Building User Bases: applying NHERI capabilities to other branches of science, i.e. hyper-gravity applications
 - Big Tent ideas: Navigating the Arctic, Climate Change...
 - Keynotes
 - Industry participation
 - Annual Work Plan of the Council supplement request to fund should be ready by April 2022.
 - Talks by active researchers from each component for 5 minute talks in a Panel Session discussing how they've used the facilities and possible future needs/enhancements
 - Big evening poster session with refreshments and networking

- b) Schedule of Council Meetings in June, July and August 2021 (5')
Council agreed to continue meeting from 2:00 to 3:00 PM Eastern on June 3, July 1, and August 5
- c) Council Officers in Year 1 of the Renewal Period (10')
Joel is rolling off as chair at the end of the June 3. Arindam will be the new Council chair for a 1-year term, and Jennifer the vice-chair during the same 1-year term. Julio will continue as secretary
- d) COVID-19 Facility status updates (15') (All)
- Lehigh: NHERI REUs on site.
 - UCSD upgrade on schedule to be completed in October 2021 and first test on schedule.
 - U of Florida recent SHOREline meeting a success and will continue offering virtual workshops
 - SimCenter going back to the offices in person by mid June-July
 - RAPID while equipment has been available to the community during COVID, the facility personnel is close to resume deployments
 - UCDavis accepting external visitors
 - FIU getting back to in-person on campus, WOW has been in operation
 - OSU in operation and supporting research
 - UTA has been busy. Ken advocated for expanding user base and interacting with other agencies

4. New Business

a) NSF Items (Joy Pauschke)

Item was moved up on the Agenda at the request of Joy:

- Be mindful of proper justification of expenditures near end of this award and future ones, and how these benefit the award
- Question about NHERI after renewal. In accordance with the NSB, after ten years of operations without recompetition, NSF will make a decision for the future of the facility in terms of renewal, recompetition, or divestment.

5. Adjourn

Meeting adjourned at 3:10 PM Eastern

Ad-Hoc Task Group Planning of NHERI Researchers Meeting Notes

April 15, 2021, 2:00 PM Eastern

Attendance: Jennifer Bridge (U of Florida EF), JoAnn Browning (NCO), Dan Cox (OSU EF), Bill Hansmire (NIAC), John van de Lindt (NIAC and NIST Resilience Center), Julio Ramirez (NCO), Ellen Rathje (DesignSafe), and Stephanie Smallegan (User Forum)

Absent: Greg Deierlein (SimCenter) and Joe Warman (RAPID)

1. Introductions and background. Main goals of the meeting: (1) Bring communities together in-person; (2) Disseminate NHERI impact; and (3) Build partnerships with other organizations and federal agencies, i.e. NIST (Dan will reach out to Judith Mitrani), FEMA, USGS, ASCE, EERI, etc.
2. Dates and Venue. Two options presented as possible- June 2022 and October 2022. The venue based on goal 3 would be in the DC area.
3. Promotion. An option proposed to broaden appeal and attract more participation and interest in general could be to present it as a Natural Hazards event, but insure that the Natural Hazards Engineering Research Infrastructure (NHERI) is prominent, i.e. *"Broadening Natural Hazards Research through the Natural Hazards Engineering Research Infrastructure"*
4. Practicing Community. Engage the Technology Transfer Committee and discuss possible strategies to attract the practicing engineering community to the event.
5. Format. While strong support exists for the in-person component, there should an only component for key sessions. A two-day event was discussed, with the first day focused on "big tent" activities in the form of panel meetings (with nice chairs and flowers). A town hall event on research with participation from NSF, NIST, FEMA, USGS, etc. was another possible activity discussed. Activities, i.e. poster session, providing opportunities to network, with refreshments (this could be an sponsored event, i.e. MTS) were also mentioned. The second day perhaps consisting of more focused sessions, i.e. early career researchers, numerical simulation, data re-use techniques (i.e. DNN), testing techniques (i.e. Hybrid Simulation), post-event reconnaissance (EERs), Convergence, etc.
6. Registration Fee. A modest registration fee either per day or for the entire meeting was also discussed. A figure around \$50 to \$75/day was mentioned.
7. Attendance. Possible attendance figures were discussed depending of the type of event from 100 to 150 if NHERI centric meeting, to 300 to 400 if broader audience. The ability to participate online and conditions at the time of the event could change these estimates significantly.
8. Next Steps. The group will try to schedule its next meeting during the second part of May after reporting to the Council on May 6. Guests would be considered and welcomed at this meeting. A doodle poll will be distributed to find a convenient date/time for this meeting. A possible timeline for the event will be discussed at the next meeting.