

**SNS-HFIR User Group (SHUG) Town Hall:
Community Feedback on the STS Grand Challenges
November 26, 2024**

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| <p>Zoom</p> <p>https://ornl.zoomgov.com/j/1607825260?pwd=wkKB5qyJCXtQfHdbJXjZSjkRFzWRL7.1</p> <p>Meeting ID: 160 782 5260</p> <p>Passcode: 401929</p> <p>See bottom of agenda for dial-in information</p> |
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Agenda

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| Event contact | Mingda Li, chair SHUG User Group, mingda@mit.edu | |
| Admin support | Lynn Kszos, 865-407-0755 (mobile), kszosla@ornl.gov | |
| Time | Event | Speaker |
| 2:00 p.m. | Welcome | Mingda Li, Massachusetts Institute of Technology |
| 2:05 p.m. | Introduction | Laura Greene, Florida State University & National High Magnetic Field Laboratory |
| 2:10 p.m. | The case for a second target station, securing the future for neutron sciences in the United States | Alan Tennant, University of Tennessee, Knoxville |
| Plenary: Focus Group Presentations. | | |
| 2:20 p.m. | Quantum materials for the post-silicon age | Collin Broholm, Johns Hopkins University |
| 2:30 p.m. | Engineering and materials | Steven Zinkle, University of Tennessee, Knoxville & Oak Ridge National Laboratory |
| 2:40 p.m. | Chemistry and environmental science: Addressing global sustainability | Craig Brown, NIST |
| 2:50 p.m. | Biological systems: Advancing health and biomaterials | Eddie Snell, Hauptman-Woodward Medical Research Facility and SUNY University at Buffalo |
| 3:00 p.m. | Soft matter and polymers | Nairiti Sinha, Pennsylvania State University |
| Breakout sessions: Please attend session of your choice. | | |
| 3:10 – 3:45 p.m. | Quantum materials for the post silicon age | Facilitator: Igor Zaliznyak, Brookhaven National Laboratory Chapter lead: Collin Broholm |
| 3:10 – 3:45 p.m. | Engineering and materials | Facilitator: Hillary Smith, Swathmore College Chapter lead: Steve Zinkle |

| Time | Event | Speaker |
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| 3:10 – 3:45 p.m. | Environmental science and chemistry: Addressing global sustainability | Facilitator: Julia Zaikina, Iowa State University Chapter lead: Craig Brown |
| 3:10 – 3:45 p.m. | Soft matter and polymers | Facilitator: Katie Weigandt, NIST Chapter leads: Nairiti Sinha and Nitash Balsara, UC Berkeley |
| 3:10 – 3:45 p.m. | Biological systems: Advancing health and biomaterials | Facilitator: Amy Xu, Louisiana State University Chapter lead: Eddie Snell |
| 3:45 – 4:00 p.m. | Reconvene in plenary session for summary of breakout sessions | Mingda Li |
| 4:00 – | Breakout rooms will remain open for anyone that wishes to continue their discussions. | |
| Our thanks to all participants, presenters, facilitators, and Grace Longbons, University of Notre Dame, for facilitating the Q&A during the focus group presentations. Thank you to Benjamin Frandsen for coordinating the feedback survey. | | |
| Main session, Zoom dial-in information +1 669 254 5252 US (San Jose) +1 646 828 7666 US (New York) +1 646 964 1167 US (US Spanish Line) +1 669 216 1590 US (San Jose) +1 415 449 4000 US (US Spanish Line) +1 551 285 1373 US (New Jersey) Meeting ID: 160 782 5260 Passcode: 401929 | | |

Community Feedback Survey: <https://forms.gle/rrhBvwww3ZAM69EC7>