

Snowmass@LBNL

Community Engagement

Overview

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Dec. 10, 2021

The Community Engagement Frontier

Snowmass CEF webpage [here](#)

CEF workshop Oct 2021 [here](#) - summary document [here](#)

Mar 15, 2022 deadline for contributed papers / whitepapers

- Contributed paper topics are largely defined, but...
- There is still room for new ideas and many topics need more help
- Not too late to make an impact! But don't wait to get involved

In-person CEF workshop is scheduled on May 24-26, 2022 at UC Irvine

Today's session: present existing work, discuss future LBNL involvement



Topical groups within CEF

- [CommF1: Applications & Industry](#)
- [CommF2: Career Pipeline & Development](#)
- [CommF3: Diversity & Inclusion](#)
- [CommF4: Physics Education](#)
- [CommF5: Public Education & Outreach](#)
- [CommF6: Public Policy and Government Engagement](#)
- [CommF7: Environmental and Societal Impacts](#)

After presentations: poll to gauge interest in topical groups

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Talk by Lotti Obst-Huebl

LBNL involvement in Small Business Innovation Research (SBIR) program

Contributed paper on tech transfer from national labs

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CP1 - HEP research at non-R1

CP2 - Tackling Diversity and Inclusiveness in HEP (w/ regards to career development)

CP3 - Facilitating Non-HEP Career Transition

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Talks by Asmita Patel (ATAP), Alex Kim (Physics Division), Erin Hansen (contributed papers)

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Talk by Vetri Velan (particle physics education)

Other paper topics: Masters degrees in physics, K/12 education, global software issues and HEP, public engagement and international connections

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Contributed Paper: Structural changes for public engagement with particle physics and particle physics communication

Interest in ongoing efforts e.g. art-science collaboration, including outreach in conferences

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Working groups: congressional advocacy for HEP funding, for impactful issues, non-congressional government engagement, HEP advocacy training/inreach

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Newly-added group (summer 2021)

Topics include: impacts of particle physics labs on local communities, carbon emissions from large future energy frontier projects*, AI and HEP (ethical algorithms)

*Marlene Turner of ATAP working on energy recovery for plasma-based accelerators