

Workshop Thoughts

NF01: 3 Flavor Oscillation Group

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Snowmass neutrino topical conveners meeting

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Initial Thoughts on a Workshop

- Format:
 - Initial thoughts favor a dedicated workshop
 - Effective discussion requires dedicated preparation, focus
 - Fatigue, distraction, overlap concerns if added to another event
 - If attached to another event, should be well-integrated, not just tacked on
- Theme: potential of current/future long baseline experiments
 - Capabilities/opportunities in oscillation parameters and BSM physics
 - Current: review running and planned experiments (~5-10 year horizon)
 - Future: what comes after that (~20 year horizon)
 - Opportunity for the community to think ambitiously and broadly
- Intersection with other groups:
 - **Theory**: motivation for precision, physics targets
 - Also an overview on input from other neutrino property probes
 - **Detectors, Sources**: Enabling technologies to push us forward
 - **Steriles** in the context of a long baseline experiment