
Proposal: Workshop on Resonance Interactions

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NuSTEC Board Meeting

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Why?

- See my previous slides on NOvA's needs.
- But all experiments have sensitivity to the Resonance region. For future experiments, DUNE in particular will care a lot about it, but HyperK will too.
- I feel this has been a ~neglected topic. Focus on theory has been at lower energies driven by observations by MiniBooNE and needs for T2K.

When?

- No sooner than next summer.
- Before or **after** TENSIONS? (tentative dates are July 8-12)

What?

- Healthy mix of theory + experiment
- Theory:
 - ab initio methods
 - other models
 - modeling final state interactions
- Experiment:
 - needs for oscillation measurements
 - results of xsec measurements, both neutrino and electron