

Some thoughts on a
“Neutron Lifetime Roadmap”

What is our message?

Who is the audience?

What do we need to accomplish this weekend?

What is the desired outcome?

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Who is the audience?

1. The O’Hare town meeting
2. the LRP writing group
3. DOE and NSF

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What is our message?

1. There is a compelling Scientific Case.
2. There is clear technical path forward.
3. There is a clear and achievable timeline.
4. There is a capable and committed community

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What do we need to accomplish this weekend?

1. Prepare a “white paper”
2. Develop a consistent story that we can all support

e.g.

- *Important to resolve discrepancy (1s)
- *Clear technical path to 1s for both beam and bottle
- *Costs are well understood and affordable
- *Important to move toward 0.1s
- *Measurements at $\sim 0.1s$ appears possible
- *This will require new investment and R&D

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What is the desired outcome?

Short Term

A distinct and positive “mention” in the LRP

Longer Term

An “acceptance” by the NP community that a neutron lifetime program should be part of the US NP program.