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.

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 ~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.