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Abstract for an Invited Paper for the DNP19 Meeting of the American Physical Society

## Neutrino Mass and Sterile Neutrinos<sup>1</sup>

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Nearly eighty years after their existence was first proposed, neutrinos remain a powerful laboratory for exploring the Standard Model at the precision and intensity frontiers. Over the next ten years, this field will address a variety of fundamental open issues, many of which will be explored in this mini-symposium. In this partial overview, I will address the search for the neutrino-mass scale, summarizing recent results from KATRIN as well as current challenges and future goals of tritium-based neutrino-mass experiments. I will also survey the search for sterile neutrinos at various scales.

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