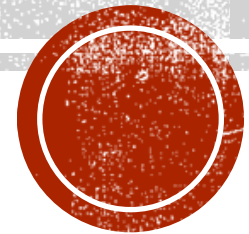


Exclusive Meeting — Deuteron Tagging

Jan Vanek

University of New Hampshire

10/27/2025



OVERVIEW

- No significant progress since last meeting due to work on bHCAL for ePIC studies before review this coming Friday
- Status:
 - Jan:
 - Have all codes from Alex to start analysis of the simulations
 - Had and will continue discussing with Alex about any specific studies needed
 - Alex:
 - Deuteron samples added to the simulation campaign
- Outlook (Jan):
 - By next week:
 - Get basic kinematic distributions from latest simulations
 - Start with reproduction of tagging specific plots
 - Longer-term goal
 - Reproduce TDIS analysis from A. Jentsch, Z. Tu, C. Weiss: [Phys. Rev. C 104, 065205](#), using the new simulation setup