

PHENIX - Current status



- In 2022/2023 ~6 undergraduate research assistants at UT Knoxville hired to get PHENIX papers on HEPData, increasing coverage from ~25% to
- Coverage
 - 214/227 PHENIX papers on HEPData
 - Missing papers are
 - ✗ No data (white paper, 1)
 - ✗ Missing data (5)
 - ✗ A forthcoming erratum holding up entry (1)
 - ✗ Recent papers (>2022) where authors have not finalized entry (6)
- Policies
 - Approval by internal review committee
 - YAML files must be uploaded to git repository

The screenshot shows the HEPData website interface. At the top, there's a search bar with 'PHENIX' entered and a search button. Below the search bar, there are filters for 'Max results', 'Sort by', and 'Reverse order'. The main content area displays a list of search results. The first result is titled 'Transverse single-spin asymmetry of midrapidity π^0 and η mesons in $p+Au$ and $p+Al$ collisions at $\sqrt{s_{NN}} = 200$ GeV'. It includes the PHENIX collaboration name, the journal reference 'Phys.Rev.D 107 (2023) 112004, 2023', and a brief description of the paper's content. The second result is titled 'Measurement of ϕ -meson production in $Cu+Au$ at $\sqrt{s_{NN}} = 200$ GeV and $U+U$ at $\sqrt{s_{NN}} = 193$ GeV'. It also includes the PHENIX collaboration name, the journal reference 'Phys.Rev.C 107 (2023) 014907, 2023', and a brief description. On the left side of the search results, there are several filters: 'Collaboration' (PHENIX: 162), 'Subject_areas' (nucl-ex: 133, hep-ex: 67, nucl-th: 1), 'Phrases' (transverse momentum: 33, mid-rapidity: 19, midrapidity: 16), 'Reactions' (p p -> CHARGED X: 23, Au Au -> CHARGED X: 21, d Au -> CHARGED X: 10), and 'CM Energies (GeV)'. A small bar chart at the top left of the results area shows the distribution of papers over time from 2001 to 2023.

SPHENIX – current status



- No physics publications yet
- Have HEPData coordinator assigned (me)
- Have draft guidelines