

Discussion

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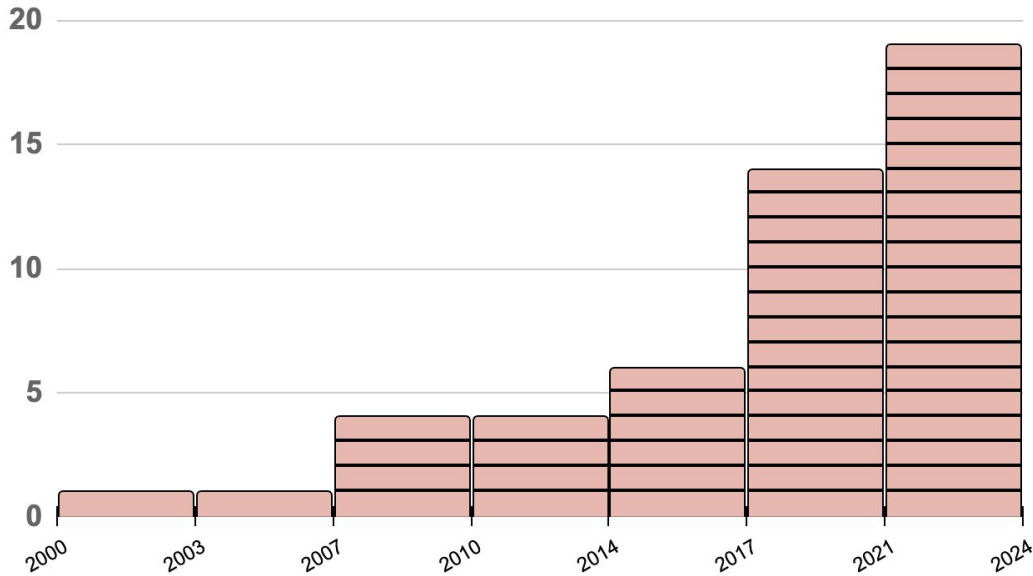
1. What are the **big questions** of interest in the UPC community?
 - a. Nuclear modification mechanism across a wide range of kinematics: from EMC region to low- x . Specifically, is nuclear shadowing a LT(+small- x resummation) or full-fledged non-linear saturation effect? What are the “smoking gun” experiments to distinguish the two?
 - b. Is the future of UPCs in precision, use of ZDCs, or new (inclusive) measurements?
 - c. Complementarity with HI and BSM programs at the LHC and (nuclear) hadron structure measurements (need multi-differential measurements).
2. Can these questions be answered by the UPC program at RHIC+LHC?
3. Can these questions be answered by (the UPC program at) the EIC?
4. If the answer is “NO” to 2-3, then what would it take to address them?

Google doc to collect your inputs. Click [here](#). We encourage everyone to answer all four questions together.

Backup

“Fun” fact

Number of experimental UPC publications vs time



Experimental UPC
publications vs time (RHIC
+ LHC)

Our field is taking off.