Timeline & Proposed Run Plan

* CD(Critical Decision) : staged official project approvals from US DOE

2018 2015 2016 2023 Collaboration *CD-0 *CD-1/3A ...CD-4, Data taking officially approved! Construction, starts approved formed Installation (Mission Need) (Cost range, Advanced purchase)

Multiyear run plan scenario for sPHENIX @ 200 GeV

	Species	Weeks	Sampled Lumi. (z <10 cm)
Year-1	Au+Au	16	8.7 nb ⁻¹
Year-2	p+p	11.5	48 pb ⁻¹
	p+Au	11.5	0.33 pb ⁻¹
Year-3	Au+Au	23.5	26 nb ⁻¹
Year-4	p+p	23.5	149 pb ⁻¹
Year-5	Au+Au	23.5	48 nb ⁻¹

• Au+Au MB data acquisition at 15 kHz = 239 Billion Events