# Group meeting September 13<sup>th</sup>, 2024



### Instruction responsibilities

- Classes for Fall 2024:
  - PHY 331:
    - 2 lectures
    - Graded 2 homework
    - Need to create exam
  - PHY 361:
    - 2 lecture
    - Graded 1 homework
    - Need to graded homework
  - Did not meet with Princess Colin



### Service responsibilities

- Committee:
  - GlueX Compton Analysis Review Committee:
    - Have author response
    - Reviewed the response
    - Made formal writeup



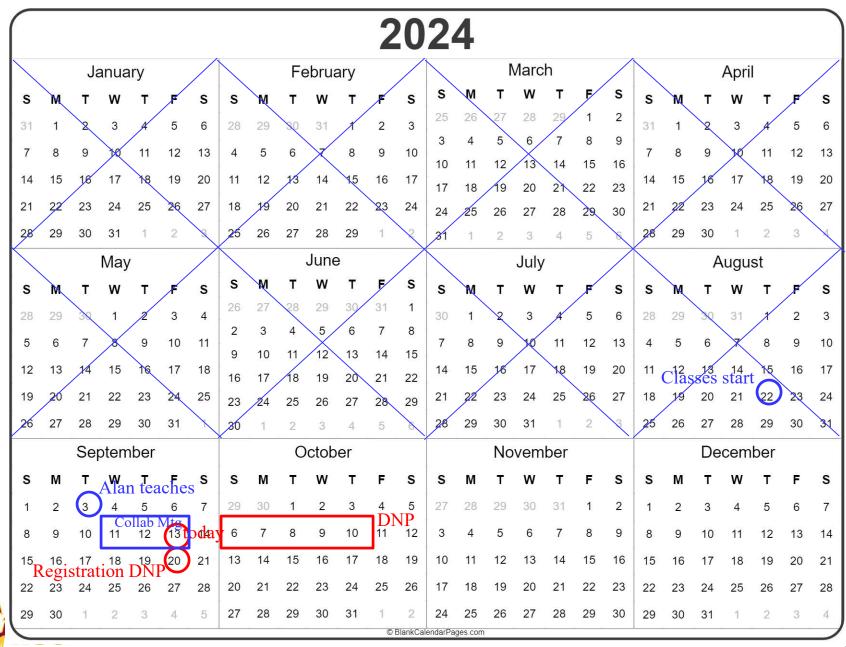
## Group responsibilities

- Need to build out NAS that has been collecting dust.
  - Need to order hard drives
- Need to figure out the standing of the groups finances



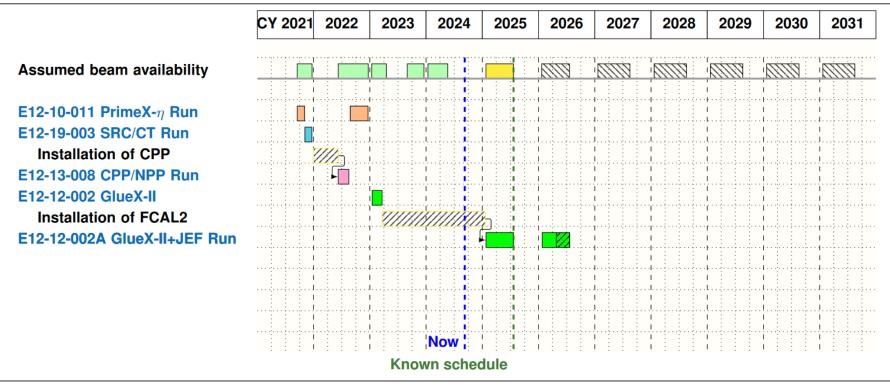
## Timelines





												2	20	2	5												
January							February						March						April								
s	м	. T,	w,	т	F.	s adli	s	М	т	w	т	F	s	s	М	Т	W	т	F	s	s	М	т	w	т	F	s
an 29	arys 30	1S IC 31		own 2	3	4	ne) 26	27	28	29	30	31	1	23	24	25	26	27	28	1	30	31	1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	1 <sup>8</sup> c	9	10	11.	12
12	13	14	15	16	17	a 18	pply 9	y foi 10	• gra	d (d	ead1	line)	15	9	10	11	12	13	14	15	13	14	aero 15	ense 16	( <mark>de</mark> 17	ad 11 18	ne) 19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21			ns_(d		
	20	21	22	30		25						21	- 22	23 sche	24 edylo	25 e de	26 fens	27 e (d	28 eadl	29 ine)	20	$\succ$					
26	21				31	1	23	24	25	26	27	20		$+ \frac{30}{10}$	rma	t rev	view	dea	dlin	le?	21	28	ĒŢ	D s	ubr	nit (c	lead
			May						,	June	9						July						μ -	Nugu	st T	-	~
S	М	Т	W	т	F	S	S	М	Т	W	Т	F	S	S	М	Т	W	т	F	S	S	M	1	vv	1	F	S
27	28	29	30	1	2	3	1	2	3	4	5	6	7	29	30	1	2	3	4	5	27	28	29	30	31	1	2
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3 10	4	5 12	6 13	11	8 15	9 16
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	17	18	12	20	21	22	23
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	24	25	26	27	28	29	30
25	26	27	28	29	30	31	29	30	1	2	3	4	5	27	28	29	30	31	1	2	31	1	2	3	4	5	6
September					October					November						December											
s	м	T	w	T	F	s	s	м	т	w	T	F	s	s	М	т	w	т	F	s	s	м		w	T	F	s
31	1	2	3	1	5	6	28	29	30	1	2	3	4	26	27	28	29	30	31	1	30	1	2	3	4	5	6
	- -	_		4			2000		30	1				2	3	4	5	6	7	8		1			200 <b>.</b>		
7	8	9	10	11	12	13	5	6	1	8	9	10	11	9	10	11	12	13	14	15	7	8	9	10	11	12	13
14	15	16	17	18	19	20	12	13	14	15	16	17	18	16	17	18	19	20	21	22	14	15	16	17	18	19	20
21	22	23	24	25	26	27	19	20	21	22	23	24	25	23	24	25	26	27	28	29	21	22	23	24	25	26	27
28	29	30	1	2	3	4	26	27	28	29	30	31	1	30	1	2	3	4	5	6	28	29	30	31	1	2	3

#### Hall D running schedule: outlook



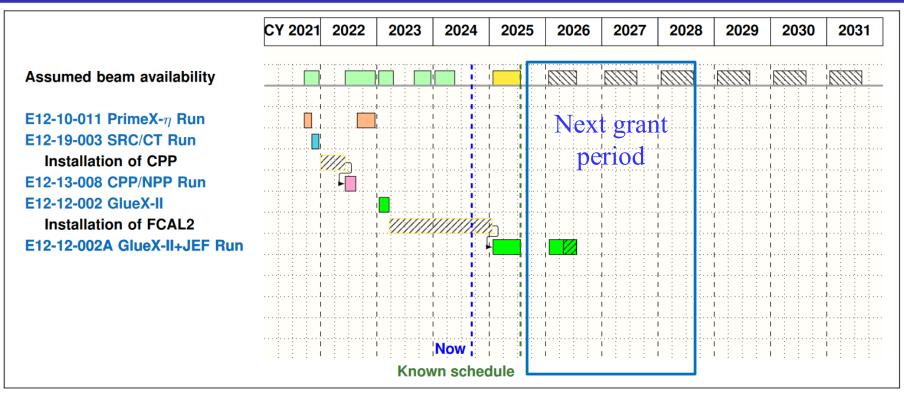
Assuming 25 weeks/year running in FY25 and FY26 and 30 weeks/year afterwards

- Assuming KLF timely budgeted and pass ERR by mid of 2025
- Assuming KLF compatibility with MOLLER, 64 ns duty cycle is likely OK, 128 ns is uncertain yet

E.Chudakov GlueX Meeting, 2024 Sept Hall D Status Update	7/10
--	------



#### Hall D running schedule: outlook



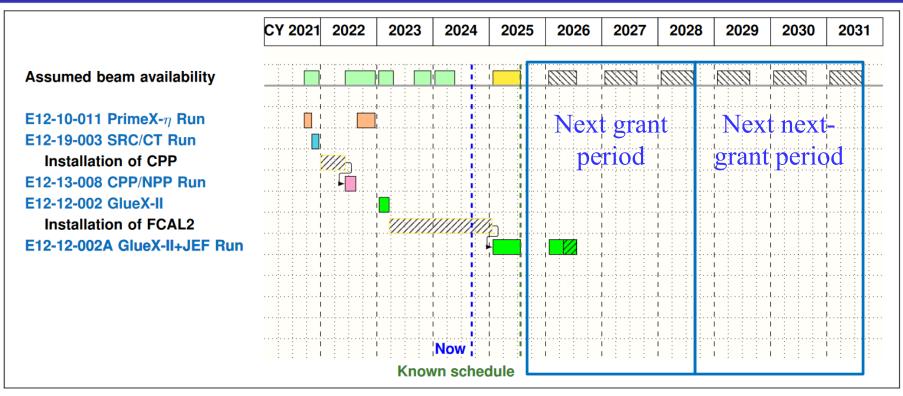
Assuming 25 weeks/year running in FY25 and FY26 and 30 weeks/year afterwards

- Assuming KLF timely budgeted and pass ERR by mid of 2025
- Assuming KLF compatibility with MOLLER, 64 ns duty cycle is likely OK, 128 ns is uncertain yet

E.Chudakov	GlueX Meeting, 2024 Sept	Hall D Status Update	7 / 10



#### Hall D running schedule: outlook



Assuming 25 weeks/year running in FY25 and FY26 and 30 weeks/year afterwards •

Assuming KLF timely budgeted and pass ERR by mid of 2025

GlueX Meeting, 2024 Sept

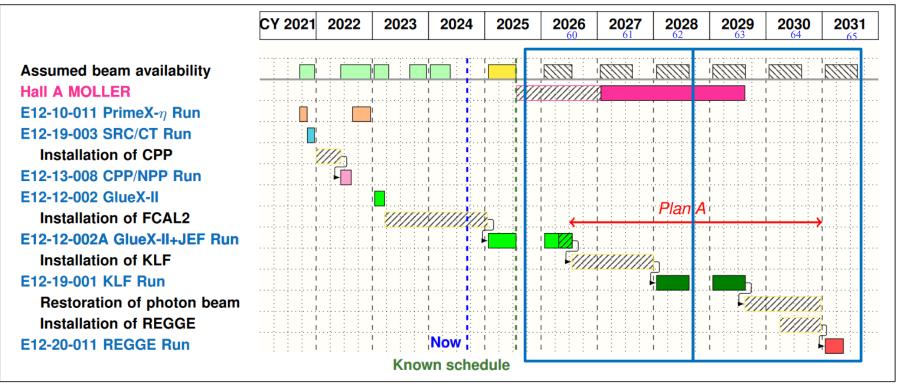
Assuming KLF compatibility with MOLLER, 64 ns duty cycle is likely OK, 128 ns is uncertain yet Hall D Status Update

7/10	



E.Chudakov

#### Hall D running schedule: outlook



- Assuming 25 weeks/year running in FY25 and FY26 and 30 weeks/year afterwards
- Assuming KLF timely budgeted and pass ERR by mid of 2025
- Assuming KLF compatibility with MOLLER, 64 ns duty cycle is likely OK, 128 ns is uncertain yet

Jefferson Lab

GlueX Meeting, 2024 Sept Hall D Status Update

E.Chudakov

7/10

### $\Xi^* \rightarrow \Xi \pi^0$ update

- Finally have 2018-01 files for reaction with  $K^+$  switched with  $\pi^+$ 
  - Need to run CL comparison between the reactions



### $KK\pi$ update

- Downloaded the 2018-01 files for reaction with  $K^+$  switched with  $\pi^+$  and for  $K^-$  switched with  $\pi^-$ 
  - Need to run CL comparison between the reactions
- Ran MC for the analysis FSU analysis cuts and then sent analysis of real and MC results to FSU



