

Physics coordinator report:

Shifts 2014

Schedule 2015

Access, safety and courses

b508 and b275



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Physics since last meeting (Nov14)

- Beta decay of ^{37}K at LA1
- 2x COLLAPS on n-rich Zn
- LaC target tests and some physics for n-rich Ba
- ^{27}Mg for SSP
- Fr for CRIS – ISOLDE working this time
- Nano-UC: target tests and physics at IDS
- Offline Ho collections

Shifts 2014

Delivered	2014	2012	2011
Protons	5.5e19	11.5e19	8.05e19
All shifts (IS+LOI+MD)	244	529	463.5
Shifts for IS exp	208.5	416	313.5
Shifts for LOIs	6.5	15.5	16
REX shifts (IS +LOI)	-	221.5	190.5
Average IS shifts/day	1.55	1.61	1.55

Physics programme was running until December 15, 2014

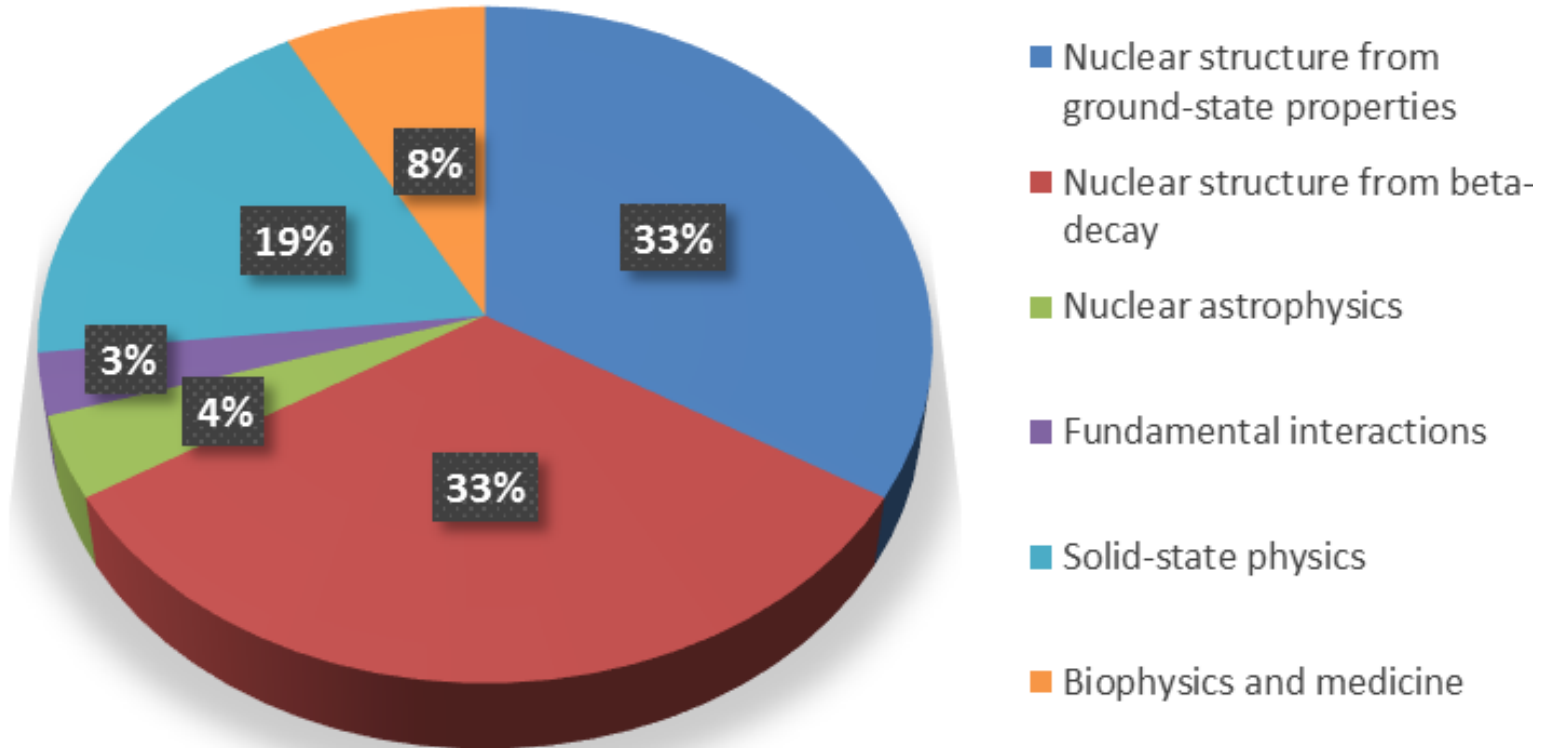
Shift balance: 1640 shifts (assuming all shifts presented at this INTC are approved):

Low-energy: 833

REX: 158

HIE-ISOLDE: 648

Delivered shifts 2014



Schedule 2015

First protons: on Apr 7

Physics: a few days later

Proton stop: mid-Nov or mid-Dec:

To be decided (including status of HIE-ISOLDE)

Stop of low-energy physics:

Mid-Oct, when HIE-ISOLDE physics starts (unless delayed)

HIE-ISOLDE physics:

Mid-Oct (unless delayed) till proton stop

	Apr					May					June				
Wk	14	15	16	17	18	19	20	21	22	23	24	25	26		
Mo	30	Easter Mon	6	13	20	27	4	11	18	Whit	25	1	8		
Tu															
We		Technical stop 10 hrs			Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17		Injector MD 10 hrs 7 to 17	UAS [24 h]	Injector MD 10 hrs 7 to 17		
Th			SPS scrubbing run							SPS scrubbing run					
Fr	G. Friday				1st May			Ascension							
Sa															
Su															

	July				Aug				Sep				
Wk	27	28	29	30	31	32	33	34	35	36	37	38	39
Mo	29	6	13	20	27	3	10	17	24	31	7	14	21
Tu													
We	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	UAS [24 h]	Injector MD 10 hrs 7 to 17	Technical stop 10 hrs	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17
Th							Injector MD 10 hrs 7 to 17				Jeune G		
Fr													
Sa													
Su													

	Oct				Nov				Dec				
Wk	40	41	42	43	44	45	46	47	48	49	50	51	52
Mo	28	5	12	19	26	2	9	16	23	30	7	14	21
Tu													
We	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	UAS [24 h]	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	Injector MD 10 hrs 7 to 17	UAS [24 h]	Injector MD 10 hrs 7 to 17		
Th						Injector MD 10 hrs 7 to 17				Injector MD 10 hrs 7 to 17			
Fr													
Sa													Xmas
Su									LHC Ion run				

ISOLDE schedule – low-energy beam requests sent this week, in 3 parts

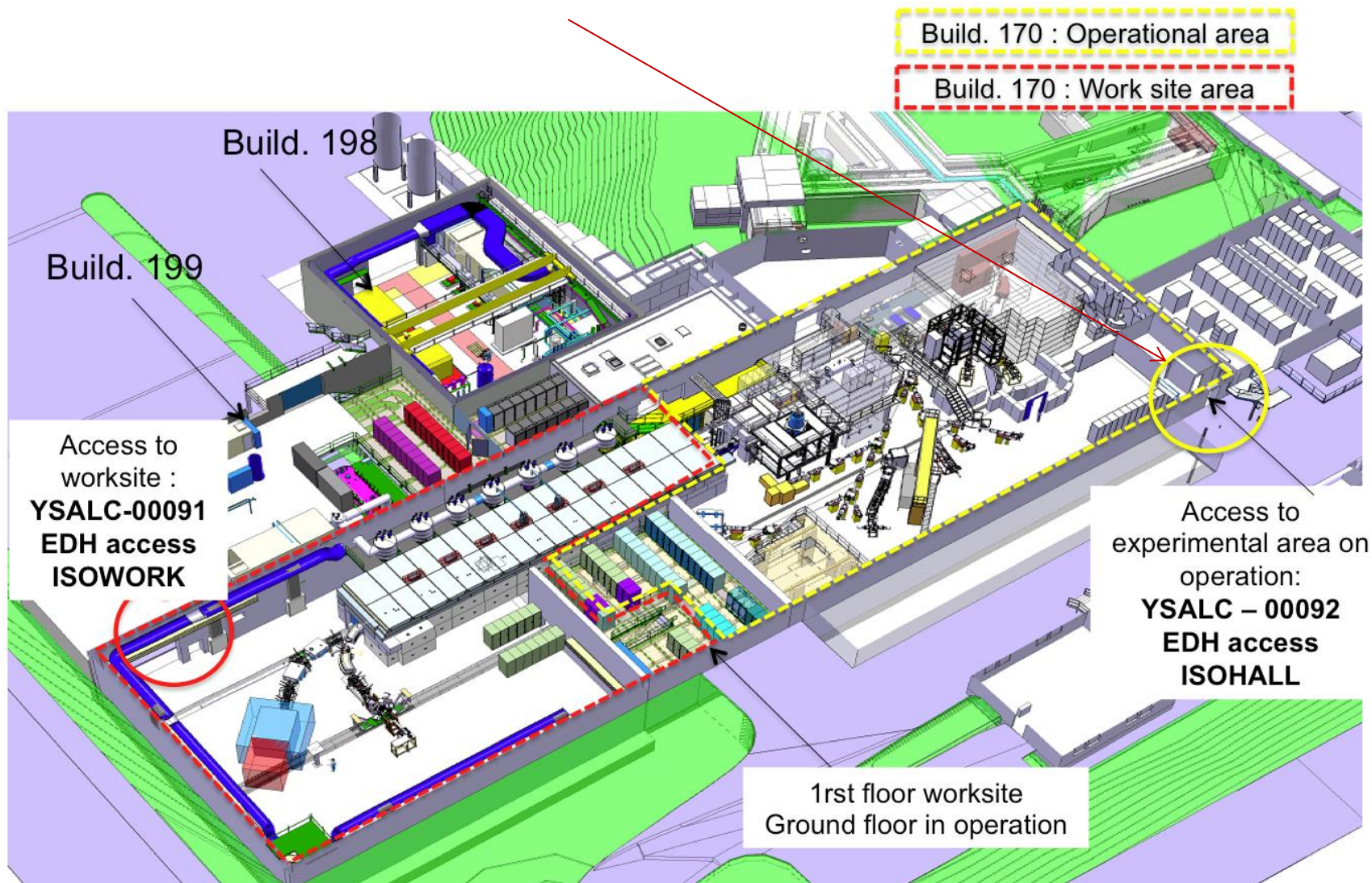


Safety and courses

- For all setups: fixed and travelling: **safety clearance required before RUNNING**
 - Travelling setups – template will be send some weeks before running, small safety visits/checks once setting up started
 - Contact your local contacts in case of questions
- Courses in 2015 for all:
 - Online: general and ISOLDE RP, electrical awareness
 - 2-h ISOLDE RP (for everybody, not only new users and new dosimeter requests)
 - 1.5-h ISOLDE electrical safety: NEW for all, together with RP course
- Specific courses:
 - 2-h cryogenic course
 - Soon: 2-h mechanical-workshop safety
 - Soon: several-day mechanical-machine operation
 - First-aid
 - Crane operation
 - Etc ...
- **You are not allowed to perform operations for which you are not trained and authorized**
- In case of doubt – contact the coordinator

Access to ISOLDE

- Access to HIE-ISOLDE worksite: only local physicists when moving equipment
- Access for users from Jura side for all, **from March: with dosimeter**



B508 and b275

B508

- Physics users are moving in
- Being ordered:
 - Signal cables from ISOLDE hall
 - Kitchen
 - Equipment for visitor and meeting room
 - CERN locks
- In preparations:
 - Closed cooling water system
 - Vacuum gas exhaust
 - Opening for SSP gases and fume cupboard



B275 - until March we have to liberate half of the building:

- Ground-floor: shared space for test setups and setups/big equipment required close to ISOLDE
- First floor: electronics lab, detector lab, and solid-state (non-RP lab)
- Mezzanine: cupboards and shelves for experiments
- Please move unnecessary equipment: long-term storage or home-institutes
- Contact me if you need space, or need help with liberating space