

Space assessment for transition of Physics faculty from Physics Building to PSC

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Motherhood

- Much of the current allocations were last discussed in 2007. Much has changed and will change again before occupation in 2013
- The deletion of the 4th floor conference room took away much of the flexibility we need in physics. I am very concerned about programmatic ramifications and want to get this right!
 - We do not want to move into the PSC and hurt the research programs in any of the 4 units

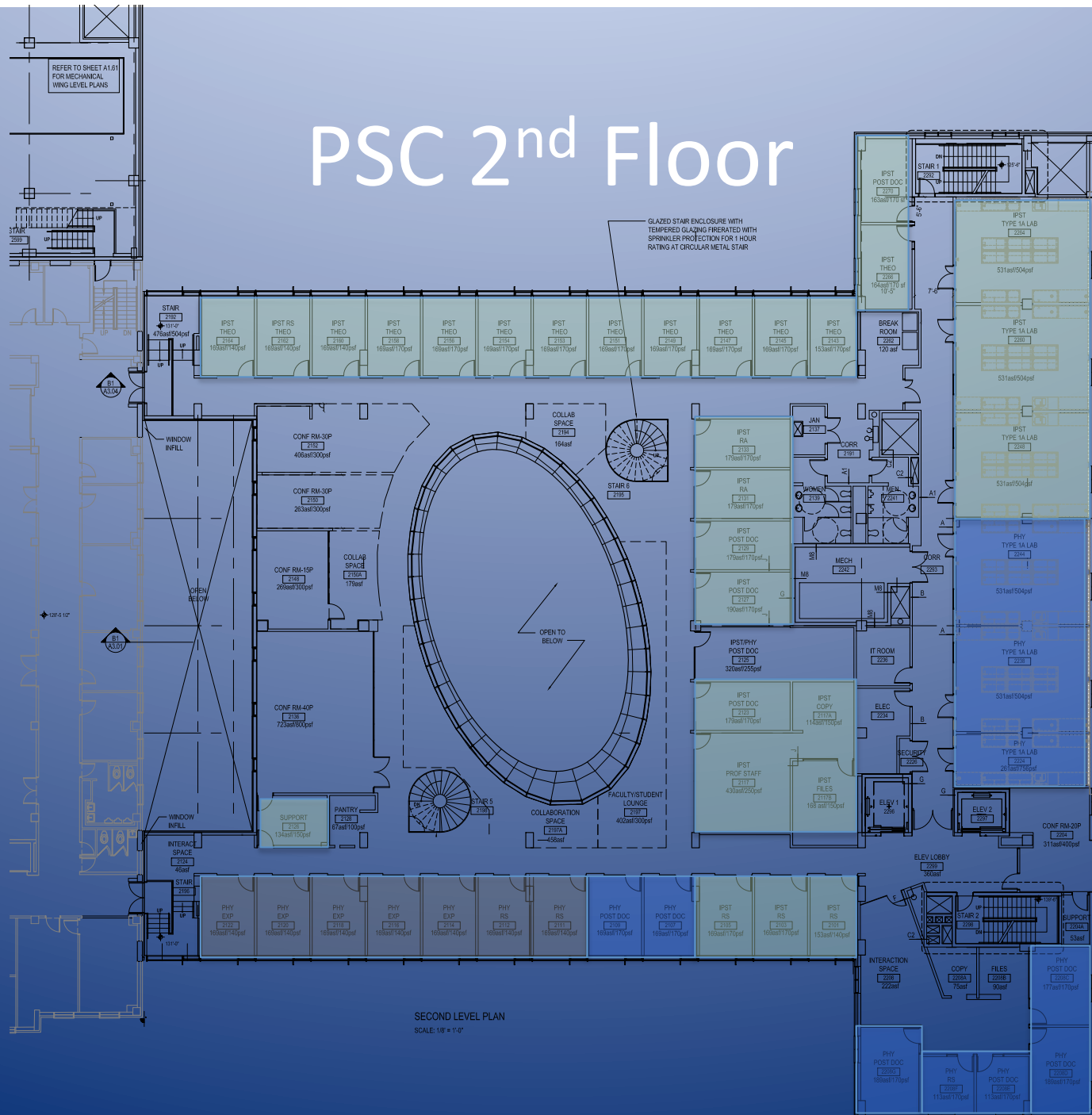
Groups Moving from Physics to PSC

- 5 Physics groups moving from Physics to PSC, total FY2008 IDC is \$1.83M
 - MCFP (Theory in EP, NP, Gravity, JSI, Cosmology, Quant Info)
 - FY2008 IDC \$460k
 - HEP (LHC, SuperB)
 - FY2008 IDC \$440k
 - PA (Neutrinos, HAWC, IceCube, LBNE/Dusel, ARA)
 - FY2008 IDC \$596k
 - NPE (Dark Matter, Neutrino decay, nuclear symmetries)
 - FY2008 IDC \$167k
 - GE (Gravity Experiment, LIGO)
 - FY2008 IDC \$166k
- JQI (gets 7 offices on 2nd floor PSC)
 - FY2008 IDC \$1.48M
- Not moving:
 - Condensed matter (FY2008 IDC \$984k)
 - Plasma (Dorland, Drake, Hassam, Ellis)
 - Non linear (Yorke, Ott, Girvan, Antonson, Lathrop...)

PSC 1st Floor

Phys 10 offices
1 lab

PSC 2nd Floor



- IPST 26 offices
3 labs
- Phys 7 offices
2.5 labs
- JQI 7 offices

[illegible]

Phys 46 offices
5.5 labs

Space for Physics Groups moving into PSC

	Current space in Toll	PSC allocated	net change	%
Office (ft ²)	14,400	10,377	-4,023	-28%
Lab (ft ²)	4,400	4,700	300	
Office (#)	78	62	-16	-20%
Labs (#)	9	9	0	

Net loss in office space of 4,023 ft² (28%) from already very cramped space in physics building (assuming no space in CSS)

Note: this is BEFORE Sundrum and JSI and 2 additions to Experimental !!!!

Essentially equal Lab space (None to Spare!!)

Space spread across three floors in PSC

Bottom line: groups are being asked to give up space, AND we are planning to add people to these groups. This is not going to work.

Group Summaries

	Existing People							Total	New People			Total People
	Faculty	Res Sci	Postdoc	Student	Admin	Eng/ Tech	Visiting		Faculty	Postdoc	Student	
MCFP	15	1	13	29	2	0	4		2 ¹	2	4	72
JSI									2	2	4	8
HEP	6		5	6	1	1	3					23
PAstro	3	2	3	6	1	3	2		1	1	2	24
Nucl	2	1	2	6	1	0	0		1	1	2	16
Grav	1			2								3
Total	27	4	23	49	5	4	9		6	6	12	145

¹This includes Sundrum and his junior hire

These groups will have to squeeze to get into these 69 offices WITH NO ADDITIONAL FACULTY. (note that some offices in Toll are pretty small)

Basic Issues

- *No PSC space should be allocated without strong programmatic justification*
- We have a problem. A big problem
 - How to keep these essential groups strong if they have less space in PSC?
 - Reduction of 4k ft² could have large and negative consequences to the program
 - Unlike IPST and Astronomy, we have no space in CSS for these programs
 - We need additional offices (and maybe even labs), combination of CSS and PSC
 - We cannot plug this hole by moving all RAs to CSS (but close)
- We suggest there be equity in total ft² per FTE faculty in all units
 - GROUPS (programmatic) move into PSC, not necessarily FACULTY.
 - Existing programmatic considerations should be a priority. Use of space has to have priority over politics
 - We realize that this is self serving but this is not intended to be a criticism of IPST and Astronomy
 - It just has to be fair, and it has to not hurt just the physics department