



1ST year of HELEN at CERN

HELEN Trainees

- 63 trainees as a result of the 1st call
- Additional 32 in the 2nd call
- 4 trainees dropped due to various reasons
- Administration and Insurance of trainees organized and now running smoothly
 - Interface Person identified in each LHC experiment
 - Central PH secretariat for all other cases
 - Helene Haller centralizes all questions related to invitation letters, insurance and general follow up

HELEN Professors

- Very little or none information on Professors coming to CERN
- Eventual on the spot information if professor paid by HELEN



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Table 1. First year trainees from LA coming to CERN classified by activity

	# trainees	# Months	Percentage
ALICE	22	77.5	28%
ATLAS	14	53.0	19%
CMS	17	60.0	22%
LHCb	7	8.5	3%
Theory Unit	15	39.0	14%
AB Department	1	7.0	3%
AD5 Experiment	2	9.0	3%
AMS Experiment	3	4.0	1%
Database (DSU-TT)	5	6.0	2%
High School Teachers	3	3.0	1%
EGEE – (IT Department)	1	6.0	2%
LCG (PH-SFT)	1	1.3	0%
TOTAL	91	274.3	100%



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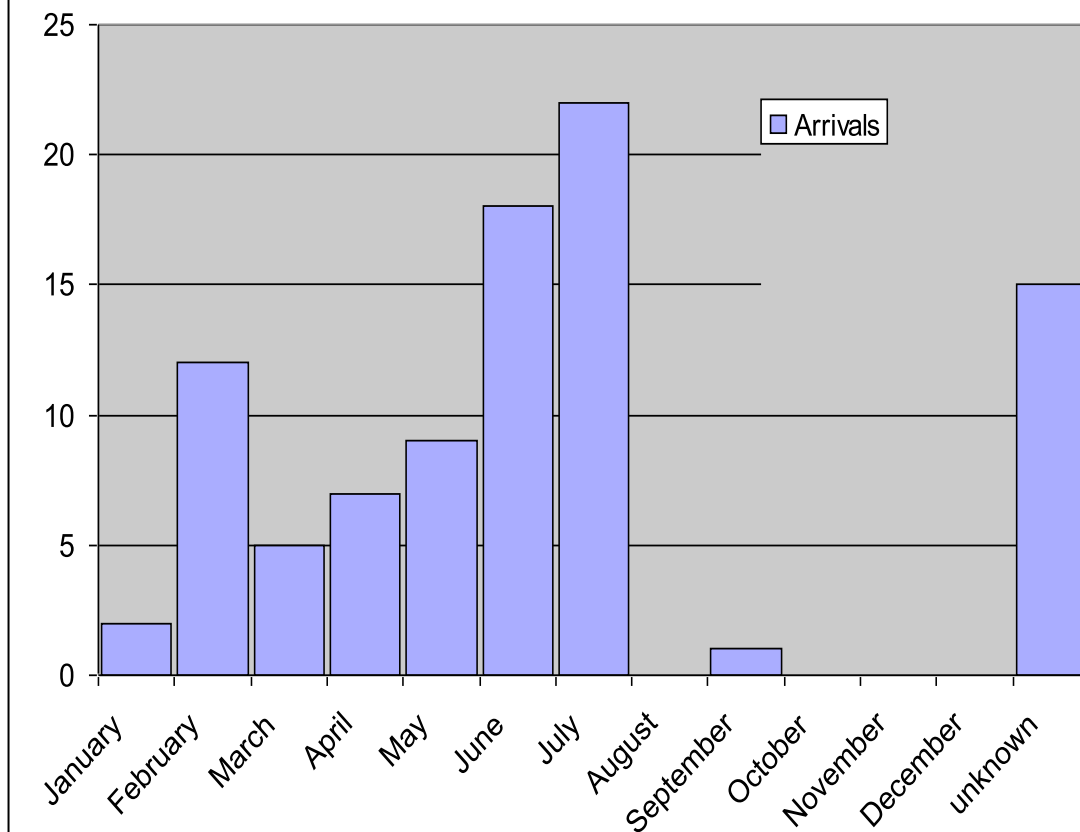
Table 2. First year trainees from LA coming to CERN classified by country

	# Grants	# Months	% months
Argentina (3 universities)	10	48.0	17%
Brazil (4 universities)	29	83.3	30%
Chile (2 universities)	9	34.0	12%
Colombia (4 universities)	11	26.0	9%
Cuba (1 institute)	1	8.0	3%
Mexico (3 univ + 1 institute.)	28	66.0	24%
Peru (2 universities)	3	9.0	3%
TOTAL	91	274.3	100%



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Arrivals in 2006



- Strong accumulation of arrivals during June and July (45 %).

- Still unknown arrival date of 15 trainees

- Problems in finding lodging place for trainees



Rules for trainees in PH-TH

To avoid chaos and lack of organization CERN/PH-TH recommends that the following conditions are fulfilled to accept trainees

1. The student should have followed graduate course, or equivalent in basic subjects like Quantum Field Theory, Particle Physics, at least a good knowledge of the Standard Model, and some Cosmology would also be useful but not mandatory. The first two however are really important
2. We prefer those students who have already some experience in research, unless we have agreed to provide the analogue of reading courses plus some pilot project before they arrive
3. We should discuss well in advanced, before the visits are decided; which students should come, what project they will be working on, and then how and when they will integrate in TH. We will no longer take students that inform us less than two months in advance of their visit
4. Since TH is quite full of visitors during the summer, we prefer HELEN students to come in other periods. We do not take students from Member States during that period, and our local students are encouraged to go to summer conferences
5. What HELEN pays to these students is below the Geneva Poverty line, and being students we cannot complete their salary in any way. Geneva is very expensive, and sending someone with 1500 euros to pay for rent and subsistence (assuming that health insurance is covered) is not legal at CERN as far as I know. On the other hand, CERN professors can go to LA with 170 euros/day visits + travel. This asymmetry should be modified if possible

Similar rules should apply to HELEN students than those applied to other students recruited in PH-TH paid either by the member states or by the Marie Curie Program



Conclusion/Recommendations

- Agreement between involved parties (Sending institute and receiving institute) before publication of the working subject.
- Stability of the proposed subject.
- Quick notification to the receiving institute of the personal data of trainees to allow for the generation of invitation letters.
- Approximate arrival date of trainees in to the receiving institute. Notification if arrival date if changed.
- If possible, a more uniform distribution of trainees along the year would be desirable.