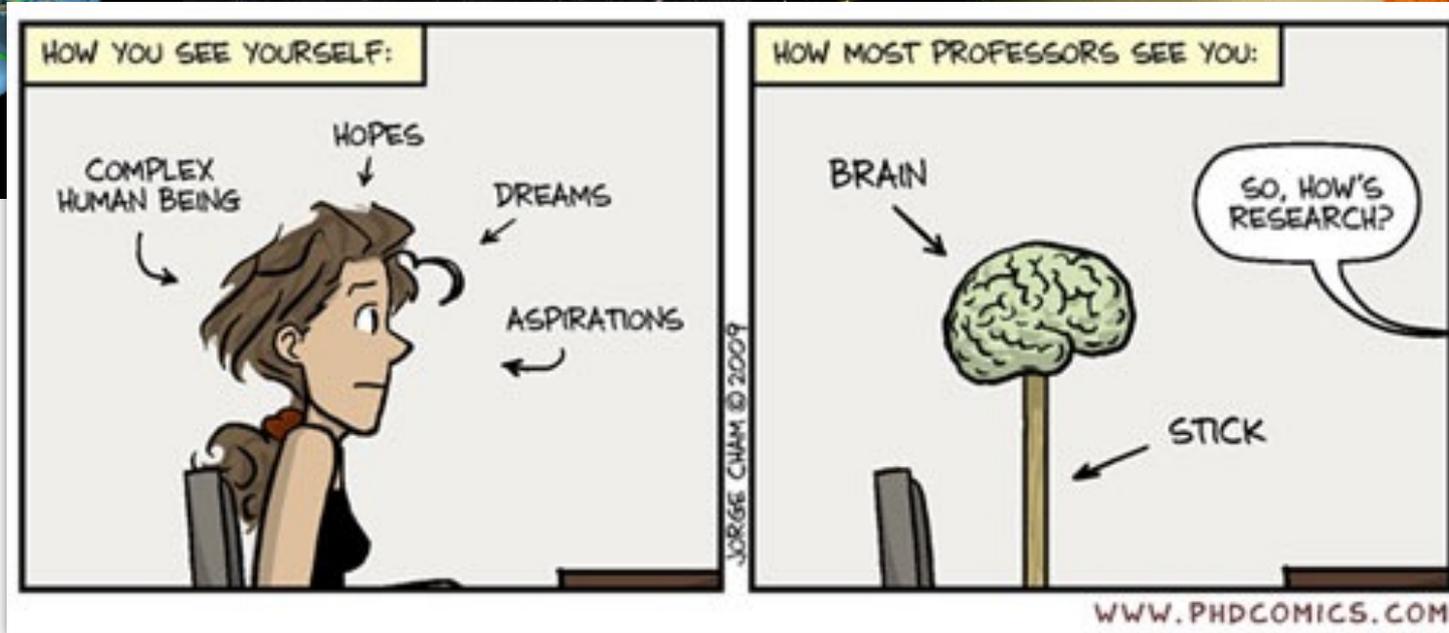


DOCTORAL PROGRAMME IN PARTICLE PHYSICS AND UNIVERSE SCIENCES (PAPU)



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- Instructions for PAPU monitoring groups (link)
 - ▶ Purpose of monitoring group is to discuss progress of research and studies in an informal atmosphere
 - ▶ Monitoring group is not responsible for supervising student or solving problems; their role is to observe any issues, especially related to supervision
 - ▶ In case of difficulties, monitoring group should afterwards discuss them with the supervisor, and if necessary, with the director of PAPU

- Organization in 2016
 - ▶ Fixed member: Ass. Prof. Mikko Voutilainen (HIP+UH, elementary particle physics)
 - ▶ Another (junior) member chosen by the student
 - ▶ Time (Monday 14-16) reserved on Doodle (link)
 - ▶ Discussion (25') guided by interview template
 - ▶ Follow-up in some cases with PAPU, otherwise ticked off as eligible for PAPU travel grant

Welcome!

PAPU monitoring groups 2016 (version 2, April 11)

Name:
 Starting year:
 Projected end date:
 Thesis topic:
 Field: (astrophysics, cosmology, hep-the, hep-ph, hep-ex)

How often do you see your advisor / supervisor?:
 (daily, weekly (1, 2, more), monthly (1, 3, more), less)

- Any issues with supervision?

How are your studies and research progressing?:
 (not at all, slowly, quite ok, very well)

- Any hindrances here?
 - 1-2 years: PhD studies done?
 - 2-4 years: summer schools, travel abroad?
 - 3-6 years: participating in international conferences?
 + papers?

How is the work atmosphere?:
 (not very good, competitive[bad], competitive[good], supportive/collaborative)

- Details?
 - interaction with close colleagues?
 - atmosphere of scientific community?
 - work/life balance? (hobbies?)

Do you have career plans beyond PhD defense?
 (no, some idea, strong idea, fixed next position)

- Details?
 - move outside Academia? Where?
 - continue as a post-doc in Finland?
 - continue as a post-doc abroad?
 - aim for professorship (in Finland? Abroad?)

Do you think you would need additional assistance from PAPU?
 (yes, maybe, no)

- Details?

- 37 meetings by today (was expecting ~60, so 62% of target)
 - ▶ 31% female, 17% non-Finnish (11% both; *i.e.* 67% of foreign students)
 - ▶ starting year 2015 (45%), 2014 (30%), 2013 (10%), 2012 (5%), 2008–2010 (10%) — Spring stats
 - ▶ almost all students visited me just once (but that seems enough in most cases)
- Five cases (14%) with some degree of follow-up:
 - ▶ 60% female, 20% non-Finnish
 - ▶ Small statistics, most (80%) in Spring after austerity measures
 - ▶ follow-up rate may seem high, but goal was to tag potential issues early before they start to grow
- Some concerns:
 - ▶ uncertainty in funding, especially for foreign students with Visa requirements
 - ▶ (budget cuts coupled with long Visa queues due to influx of immigrants)
 - ▶ infrequent supervision / lack of group support, more commonly brought up by female students
 - ▶ gaps in funding after unsuccessful applications

- New monitoring groups have been running quite smoothly in 2016
 - ▶ 2 x 25' per week seems enough: fits in my office hour, 50—80% of times taken
 - ▶ Doodle poll and regular office hour has kept administrative work at a minimum
 - ▶ Standard questionnaire ensures we can cover all main things in 25'
 - ▶ => I've saved other faculty $1.5 \times 37 = 56$ h of work for ~20h of mine; ROI of 300%
- Feedback from students: is the 2nd member necessary? Just sits there silent
 - ▶ depends on the 2nd member, but usually actively participating
 - ▶ provides insight on the practices in their specific field (I've learned a lot as well!)
 - ▶ often needed to follow up on problems with the supervision / adviser
- Some general observations:
 - ▶ almost all students now (say they) aim to graduate in 4 years
 - ▶ almost all students aim for a post-doc abroad
 - ▶ most complete bulk of their studies in the first two years
 - ▶ questionnaire has helped to set the baseline and its variation for typical student

- Is everybody happy with the new system? Shall we continue as is in 2017?
- For me the current scheme with one meeting per year with 40 students seems sustainable
- Could continue for now, or have e.g. 3-year term or rotation for the fixed member



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