

HCERES

Teaching : Q&A - SWOT

19/01/2018

Q&A - Teaching activities

- In the document, mainly teaching activities in Master are described. Can you discuss the contributions at License level ?
- How is the sharing of teaching contributions of LPNHE members between License and Master ?
- It is mentioned (p.16) that the (assistant-)professors participate to the University instances, but which one ?
- In the document, nothing is said about participation of CNRS researchers and/or (assistant-)professors to national councils, like the National Council of Universities (CNU) or the CNRS Committee (CoCNRS) or the IN2P3 scientific council, ... Is there some involvement at this level of academic and research organization?
- Can you provide a SWOT analysis of this part?

Q&A - Teaching activities

- **In the document, mainly teaching activities in Master are described. Can you discuss the contributions at License level ?**
- (Assistant-)Professors are involved in teachings in all three years of the Licence (L1 to L3). On average, half of their teaching load is done in L1-L3.
- Physics related to the activities of the laboratory, but also in more general topics (mechanics, electromagnetism, thermodynamics, waves, optics, relativity, etc.).
- Responsibility of ~ 30 teaching units, some of them with more than 1000 students.
- One professor of the lab is responsible for the coordination of physics teachings for L1 and « directeur des études » L1-L2 within the head committee of the Physics Licence.

Q&A - Teaching activities

- **How is the sharing of teaching contributions of LPNHE members between License and Master ?**
 - Three (assistant-)professors teach only at Licence level.
 - One assistant-professor teaches only at Master level.
 - All the other (assistant-)professors (20) teach at both levels.
 - Considering the number of teaching hours done at each level, in 2017, roughly 60% of teaching hours were done at Licence level and 40% at Master level.

Q&A - Teaching activities

- **It is mentioned (p.16) that the (assistant-)professors participate to the University instances, but which one ?**
- (Assistant-)professors are involved in a number of instances at SU and UPD (one for each of the following items) :
 - Sorbonne Université :
 - « Commission de la formation et de la Vie Universitaire »
 - « Conseil Académique »
 - « Conseil Scientifique de l'UFR de physique »
 - « Conseil de l'UFR de physique »
 - « Bureau de l'UFR de physique »
 - « Groupe d'experts de l'UFR de physique »
 - « Institut de Formation Doctorale »
 - « Conseil des enseignements » (LI)
 - « Commission des personnels enseignants »
 - « Tableau de service »
 - Université Paris-Diderot :
 - « Conseil de l'UFR de physique »
 - « Conseil Scientifique de l'UFR de physique »

Q&A - Teaching activities

- **In the document, nothing is said about participation of CNRS researchers and/or (assistant-)professors to national councils, like the National Council of Universities (CNU) or the CNRS Committee (CoCNRS) or the IN2P3 scientific council, ... Is there some involvement at this level of academic and research organization?**
 - Present situation :
 - One CNRS researcher is involved in Section 01 of CoCNRS.
 - Two (assistant-)professors are part of the CNU (section 29).
 - Two assistant-professors and one CNRS researcher are involved in the IN2P3 scientific Council.

- **Strengths**

- (A-)P of LPNHE are involved in teachings for a lot of different topics, at all levels from L1 to M2
 - ▶ LPNHE is well known by students and a number of them chose the lab for their internship and their PhD
 - ▶ New (A-)P at LPNHE can benefit from this strong implication
- A number of (A-)P are involved in several councils for both SU and UPD
- LPNHE is the only laboratory for experimental particle physics in Paris. It has a strong impact on the training offer in the related topics.

- **Weaknesses**

- Number of (A-)P for UPD is low and tends to decrease
- Great care is needed to ensure career opportunities for UPD (A-)P

- **Opportunities**

- (A-)P involved in academic councils guarantee a good communication between the lab and university bodies
- They are involved in decisions concerning careers, teaching, research for the laboratories of « UFR de physique »

- **Threats**

- Job openings are rare and the population of (A-)P is aging
- As the only lab of experimental particle physics at SU, LPNHE is isolated against other laboratories of « UFR de physique »