First PhD talk: getting everything started

☐ **MAKE NOTES FOR PROTOCOL**

☐ Name, Supervisor, Deputy supervisor

☐ Lucat-id/userid (with or without @lu.se),

☐ which PhD area (NATFTF01 or NATFBB01), general study curriculum

☐ Homepages:

  – Institute http://www.atp.lu.se

  – PhD pages http://www.thep.lu.se/~bijnens/PhD/

  – PhD introduction course http://www.thep.lu.se/~bijnens/introduction/

  – Faculty pages in Swedish and English
    http://www.naturvetenskap.lu.se/forskning/forskarutbildning
    http://www.science.lu.se/research/phd-studies

☐ Forms expectations supervisor/student (give two copies plus tell them to do it)

☐ Reminder that they (the student) need to register themselves in ladok (every term)

  – To access the service, go to http://www.student.lu.se

  – To enter either use your LUCAT-ID and password for employees, or use your student account (Stil-account).

  – Choose "PHD STUDENT" in the bar at the top, followed by "Registration, PhD- studies" in the menu. Follow the instructions on the page.

  – Needed to get student reductions in a number of places

☐ Department duties: teaching, web master,. . . : up to 20% (extra time at the end) meeting once a term to discuss teaching and other PhD student issues with the directors of study (both FU and GU)

☐ Courses

  – Introduction course from faculty (0.5hp) and institute (1.0hp), when they go

  – Required courses:
    NATFTF01: electromagnetism, classical mechanics, statistical mechanics
        (advanced QM, mathematical methods in physics)
    NATFBB01: statistical mechanics, computational physics,
        computational biology programming, basic cell molecular biology/biophysics
    Both: (**pedagogical course**)

  – Other courses:

    ∗ Particle: QFT1, QFT2,Colours/flavours, Phenomenology of particle physics, group theory, cosmology and astroparticle physics, computational physics, Cosmology and astro-particle physics, Copenhagen/experiment here

- ∗ CBBP:
- ∗ Both: C++, ethics, project management, writing,...
- ∗ Summer schools/conferences
- ∗ Popular presentation activity of science
  - – Note: courses should specialize **and broaden**
  - – Getting courses into Ladok: the form we have
  - – **Decide** how many credits are needed in courses and thesis
- ☐ Discuss the individual study plan (ISP): why, what (contract) plus its contents, show "an ISP," "lathund" and "my comments"
- ☐ Discuss the planned research topic for inclusion in ISP
- ☐ Updating ISP done with "institute representatives"
- ☐ Make first ISP
- ☐ Go through "Checklist för handledare"
- ☐ Make protocol