What’s Up in Doctoral Education
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Background: Changing Environment

- Science policy, university profiling
- New strategy of University of Oulu
- Structural and organizational changes of Oulu
  - Changes in Education Services (Koulutuspalvelut, KOPA)
  - Strict financial situation, lack of resources

- Experience of UniOGS operation 2012-2016
  - Many players and laeyers
  - Partially unclear structure and scattered responsibilities
New Organization of Doctoral Training

- Doctoral training led by UniOGS
- Doctoral Programs part of UniOGS and led by a DTC
- Less players => flatter structure

DTC = Doctoral Training Committee
DP = Doctoral Program
Doctoral Degree Programs

1. Biology
2. Physics and astronomy
3. Geosciences and mining
4. Chemistry
5. Geography
6. Mathematical sciences
7. Information processing science
8. Architecture
9. Mechanical engineering
10. Process and environmental engineering
11. Electrical engineering
12. Computer science and engineering
13. Industrial engineering
14. Communications engineering
15. Human sciences
16. Education
17. Economics
18. Health sciences
19. Dentistry
20. Clinical medicine
21. Biomedicine and biochemistry

Numbers of Degree Programs per DTC

- HBS 4.3
  (Health and biosciences, HBS)
- HS 3.5
  (Human Sciences, HS)
- TNS 9.2
  (Technology and Natural Sciences, TNS)
- ITEE 4
  Information Technology and Electrical Engineering
Operation volume, average 2013-2015

**Old DTCs**
- no. students, **degrees**
  - HBS 28%, **32%**
  - HS 27%, **18%**
  - TNS 46%, **49%**

**New DTCs**
- no. students, **degrees**
  - HBS 28%, **32%**
  - HS 27%, **18%**
  - TNS 27%, **29%**
  - ITEE 19%, **20%**

Part-time students more common, e.g., in HS, which has an impact on the work load.

Disclaimer: Based on faculty data in SISU.
DTC Chair

- Pre-examiners, opponent, custodian
- Follow-up group
- Changes in supervisors
- Research plan, personal study plan (PSP)
- Leads the DP training
DTC

- Leads the DP training
- Field-specific training and course funding

- Quality control
- Student selection, matters of principle
  - Student application evaluations
- Research plan, PSP
- Degree requirements
- Permission to defend
- Thesis grading
Degree Program Director

- Member of DTC
- Preparation of degree requirements
- Organization of field-specific training
  - Course program
  - Leading the work with other senior scientists
  - Funding decisions at at DTC
- Student evaluations:
  - Study right applications
  - Following the progress of student population (SISU)
  - Support in case of problems with coordinators
- PSP and research plan approval in case of (small) changes
Changes for the student?

- One point of contact (UniOGS) both for quality control (processes) and training
- Practical day-to-day work of course in RGs, RUs, faculties...
- DTC and Degree Program Director have overall responsibility of doctoral training
- Less bodies, meetings and players