The good project start

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DTU Compute

Rasmus
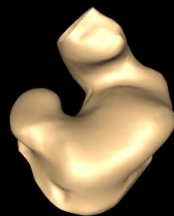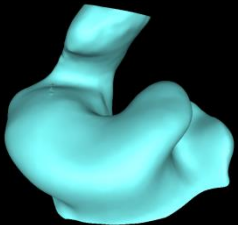
- **Master of Science (Eng), DTU**
- **R&D in startup Pronosco**
- **Industrial PhD with Oticon A/S**
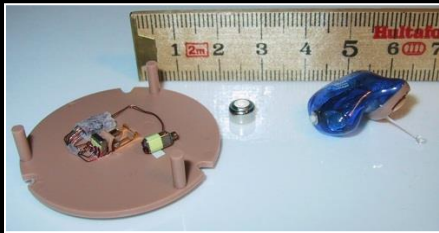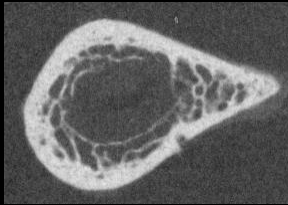- **R&D Oticon A/S**
- **Associate professor at DTU Informatics/Compute**
  - Medicin og Teknologi
  - It og Sundhed
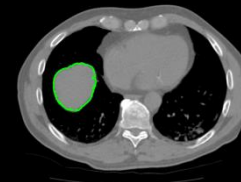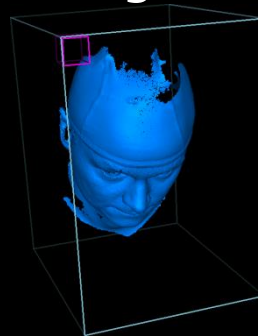
Choosing a project

- Find the right supervisor with the right project
- All faculty at DTU supervise students
  - BSc
  - MSc
  - PhD
- Most faculty have projects in their cupboards
- We prefer to supervise within our research topic

How do I do

- **Identify some supervisor candidates**
  - Good teachers
  - Made interesting talks
  - Interesting research area
- **Look at their homepage**
  - Research
  - Publications
  - Research group
  - Previous supervision

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Publikationer | Projekter | Kurser | CV | DTU nyheder

Publikationer 🔊

Sortér: År

ALLE ARTIKEL I JOURNAL (17) AFHANDLING (9) BOG (6) KONFERENCE (53) RAPPORT (1) MISC (2) PEER REVIEWED (71)

2015

PDF

Individualized directional microphone optimization in hearing aids based on reconstructing the 3D geometry of the head and ear from 2D images

Harder, Stine ; Paulsen, Rasmus Reinhold (Supervisor)
Technical University of Denmark (DTU), pages: 193

Type: Ph.D. thesis
Status: Published | År: 2015

Correction of Motion Artifacts for Real-Time Structured Light

Wilm, Jakob ; Olesen, Oline Vinter ; Paulsen, Rasmus Reinhold ; Larsen, Rasmus
part of: Image Analysis (ISBN: 978-3-319-19664-0), pages: 149-158, 2015, Springer Science+Business Media B.V.,
Presented at: 19th Scandinavian Conference on Image Analysis, 2015, Copenhagen

Type: Article in proceedings (Peer reviewed)
Status: Published | År: 2015 | DOI: http://dx.doi.org/10.1007/978-3-319-19665-7_12

Anatomically Correct Surface Recovery

Jensen, Rasmus Ramsbøl ; Nielsen, Jannik Boll ; Larsen, Rasmus ; Paulsen, Rasmus Reinhold
part of: Image Analysis (ISBN: 978-3-319-19664-0), pages: 216-227, 2015, Springer Science+Business Media B.V.,
Presented at: 19th Scandinavian Conference on Image Analysis, 2015, Copenhagen

Type: Article in proceedings (Peer reviewed)
Status: Published | År: 2015 | DOI: http://dx.doi.org/ 10.1007/978-3-319-19665-7_18

Image Registration of Cochlear µCT Data Using Heat Distribution Similarity

Write a mail

- Who you are and where you know the supervisor from
- Which courses have you taken and how did it approximately go
- What du you want to do and why do you ask this supervisor
  - ECTS
  - Project start
  - Bsc/Msc/special course
- Ask:
  - Do you have available projects or suggestions
  - Can we meet?
- It is ok to "shop around" – but not too much and do not skip the project in the last moment

What should I remember

- **Ask or find out of**
  - Is the project a part of a larger research project (+)
  - Is it possible to be co-supervised by a PhD student (++)
  - Is it realistic to write a scientific article (+)
  - What kind of supervision can you expect
  - How much supervision can you expect
  - How many student do the supervisor have
  - Can you get some articles describing the project background
  - Are the necessary data in place and can you get them
  - How much manual work is expected

Non-disclosure agreements

- Be careful!
- Attractive to work with a cool company
- You can not show your work to anyone
  - Not even potential job places

- They will say
  - So cool to work with us – you might be able to get a job

- Be sceptical!

Most important point!

- ■ The grade is solely based on the delivered written work – the report!
  - – And the oral defense (which is mostly based on the report)
- ■ No matter how
  - – Nice you are
  - – Amount of data gathered
  - – Manual work done
- ■ It is the documentation of all this that counts!

■You are/will become the expert!

Project start

- **Learn about the topic**
  - Litterature search and reading (based on articles supplied by the supervisor)
- **Start a report from day one**
  - Referencemanager : Bibtex, Endnote, RefWorks, Mendeley…
- **Write the introduction and problem statement very early**
  - Latest three weeks after project start
  - Serve as a contract between you, the supervisor and external partners
- **Du not start coding/welding/mixing/experimenting**
  - Before your problem statement is clearly written

More info

- http://people.compute.dtu.dk/rapa/supervision.html

Have Fun!