

Undervisnings-CV

Jakob Wilm
Lektor
Mærsk Mc-Kinney Møller Institutet
SDU Robotics
E-mail: jaw@mmmi.sdu.dk
Telefon: 65507462



Pedagogical view

I consider teaching a very important and fundamental part of the academic career. Considering the importance of the educational process for both coming generations of scientists and engineers in industry and elsewhere, it is crucial that teaching is not put in second place.

Motivated by this, I strive to do my very best in teaching activities. Luckily, teaching does not occur to me as a chore but rather a very giving and diversifying activity, which naturally harmonizes very well with the research process.

One central challenge in teaching is "putting oneself into the place of others". This can be surprisingly difficult due to vastly different knowledge, experience and skill sets. I consider it key to successful teaching and learning on the student's side. It requires extensive intellectual thought to present and explain difficult material such that it becomes accessible, not least in technology courses. For example, mathematical concepts are not easily grasped by all, they are, however the foundation to most engineering courses. Mathematical insight requires experience and talent. At the same time, one approach often does not work for all students, so treating a problem from different angles is very valuable, in my opinion. In order to make the most of our teaching activities and fulfill our obligations as a university, teaching should also bring the most benefit to the greatest number of students, and not just the most talented.

In conclusion, teaching is not an easy task that can be done halfheartedly. It does pose interesting challenges, and succeeding in these is highly motivating for me, professionally and personally.

Formel pædagogisk uddannelse

2018-2019	SDU Adjunktpædagogikum. Udviklingsprojekt: videoforelæsninger
2012-2013	DTU ITMAN Seminarserie
2012	Teaching and Learning, DTU LearningLab, 5 ECTS
2012	Powerful Presentations for PhD Students, DTU

Undervisning og vejledning

Digital 3D Geometry Processing

Beskrivelser

Beskrivelse

Information

Periode	01/09/2016 → 31/12/2017
Målgruppe	Kandidat
ECTS-point	5,0 ECTS
Fagansvarlig	Wilm, J., SDU Robotics
Administrerende organisation	SDU Robotics

Medical Imaging 1

Beskrivelser

Beskrivelse Introduction to medical imaging and medical image analysis.

Information

Periode 01/09/2017 → 31/01/2018

Målgruppe Kandidat

ECTS-point 10 ECTS

Fagansvarlig Savarimuthu, T. R., Kraft, D., Wilm, J.

Administrerende organisation Mærsk Mc-Kinney Møller Institut

Medical Imaging 1

Beskrivelser

Beskrivelse Introduction to medical imaging and medical image analysis.

Information

Periode 01/09/2018 → 31/01/2019

Målgruppe Kandidat

ECTS-point 10 ECTS

Fagansvarlig Savarimuthu, T. R., Kraft, D., Wilm, J.

Administrerende organisation Mærsk Mc-Kinney Møller Institut

Medical Imaging 1

Beskrivelser

Beskrivelse Introduction to medical imaging and medical image analysis.

Information

Periode 02/09/2019 → 31/01/2020

Målgruppe Kandidat

ECTS-point 10 ECTS

Fagansvarlig Savarimuthu, T. R., Wilm, J.

Administrerende organisation Mærsk Mc-Kinney Møller Institut

PhD medvejleder, Janus Nørtoft Jensen

Beskrivelser

Beskrivelse The Statistics of Estimated Surfaces

Information

Periode	01/01/2017 → 26/02/2021
Fagansvarlig	Wilm, J.
Administrerende organisation	SDU Robotics

PhD medvejleder, Morten Hannemose

Beskrivelser

Beskrivelse	Computer Vision for Flexible Automation
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Information

Periode	01/12/2016 → 19/11/2020
Målgruppe	Ph.d
Fagansvarlig	Wilm, J.
Administrerende organisation	SDU Robotics

Supervision Pole Position Project

Beskrivelser

Beskrivelse	Second semester robotics course
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Information

Periode	01/09/2016 → 31/01/2017
Fagansvarlig	Wilm, J.
Administrerende organisation	SDU Robotics

Supervision, Drawing Robot

Information

Periode	01/04/2018 → ...
Fagansvarlig	Wilm, J.
Administrerende organisation	SDU Robotics

Øvrige aktiviteter

Mellem 2007 og 2012 har jeg været hjælpelærer i en del fag på Danmarks Tekniske Universitet.

Fra 2012 har jeg vejledt adskillige bachelor og master-projekter indenfor computer vision og billedanalyse. Eksempler på projektemner: "Analysis of Camera Calibration", "Camera based Heart Rate Detection", "3D Scanning of Fish fillets", "Traffic Cone Detection".