



# Potential supervisors for Image Analysis projects at DTU

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Jørgen Arendt Jensen

<https://www.dtu.dk/english/service/phonebook/person?id=1066&tab=1>

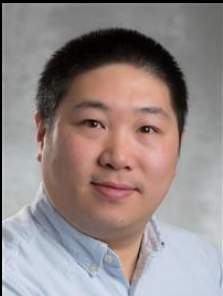
My main interest is the application of digital signal processing to medical ultrasound; especially synthetic aperture imaging, vector flow imaging, super resolution ultrasound imaging, and ultrasound simulation.



Axel Thielscher

<https://www.drcmr.dk/thielscher>

Neurophysics, non-invasive transcranial brain stimulation, biophysical modelling, neuroimaging, MR image segmentation.



Billy Yiu

<https://www.dtu.dk/english/person/billy-yiu?id=208445&entity=profile>

Ultra sound imaging.



Claes Ladefoged

<https://research.regionh.dk/da/persons/claes-n%C3%B8hr-ladefoged>

Medical image analysis. Deep learning. Machine learning.



**Dimitrios Papadopoulos**

<https://orbit.dtu.dk/en/persons/dimitrios-papadopoulos>

**Image analysis, deep learning.**



**Siavash A. Bigdeli**

<https://people.compute.dtu.dk/sarbi/>

**Image analysis, deep learning.**



**Aasa Feragen**

<https://www.dtu.dk/service/telefonbog/person?id=142917&tab=2&qt=dtupublicationquery>

**Biomedical image analysis, Topology, Statistics, Fairness and Interpretability**



**Morten Hannemose**

<https://orbit.dtu.dk/en/persons/morten-rieger-hannemose>

Image analysis, deep learning.



**Rasmus R. Paulsen**

[https://www.dtu.dk/service/telefonbog/person?id=9612&tab=2&qt=dtu\\_publicationquery](https://www.dtu.dk/service/telefonbog/person?id=9612&tab=2&qt=dtu_publicationquery)

3D image analysis, computational geometry, deep learning, statistical shape analysis, geometric deep learning.



**Tim Dyrby**

<http://drcmr.dk/map>

<https://www.dtu.dk/english/service/phonebook/person?id=29369&tab=1>

Medical imaging and analysis. Deep learning. Magnetic Resonance Imaging, Brain, Biophysical modelling, healthy and disease and multi-modal imaging.



### Anders Nymark Christensen

<https://www.dtu.dk/service/telefonbog/person?id=36350&tab=2&qt=dtupublicationquery>

Biomedical image analysis. Material Science imaging. Deep learning.



### Anders Bjorholm Dahl

<https://www.dtu.dk/english/service/phonebook/person?id=32847&tab=2&qt=dtupublicationquery>

Biomedical image analysis. material Science imaging. deep learning.



### Vedrana Andersen Dahl

<https://www.dtu.dk/service/telefonbog/person?id=34118&tab=1>

Biomedical image analysis. Material Science imaging. Computational geometry and deformable models.



### Thomas Martini Jørgensen

<https://www.dtu.dk/service/telefonbog/person?id=34298&tab=2&qt=dtupublicationquery>



### Line Clemmensen

<https://www.dtu.dk/service/telefonbog/person?id=14823&tab=1>

Video analysis, deep learning, low-resource modeling, and applications in health and mental health.



### Andreas Baum

<https://www.dtu.dk/service/telefonbog/person?id=62724&cpid=215240&tab=2&qt=dtupublicationquery>

Spatial-temporal analysis of multispectral imagery obtained from satellites and/or unmanned areal systems (drones) using tensor decomposition methods and other multivariate methodologies. We are in close collaboration with DTU Miljø, which is interested in monitoring land surface conditions of the Spanish peninsula. Projects are typically related (but not limited) to prediction of drastic events, such as droughts and fires. It is also of interest to find out how these phenomena relate to common spatial-temporal patterns on the peninsula.



**Jakob Andreas Bærentzen**

<https://www.dtu.dk/service/telefonbog/person?id=4465&tab=1>

Computer graphics, geometric modeling, geometry processing, AR/VR, real-time graphics.



**Jeppe Revall Frisvad**

<https://people.compute.dtu.dk/jerf/>

Computer graphics, material science, light scattering



**Sneha Das**

<https://orbit.dtu.dk/en/persons/sneha-das>

Applied statistics



**Marco Pizzolato**

<https://orbit.dtu.dk/en/persons/marco-pizzolato>

Brain image analysis



Ole Winther

<https://www.dtu.dk/service/telefonbog/person?id=10167&tab=1>

Machine learning, deep learning



Lars G. Hanson

<https://www.dtu.dk/service/telefonbog/person?id=54340&tab=1>

Medical Magnetic Resonance Imaging (MRI) techniques and applications. Sequence development, spectroscopy, functional og dynamic measurements, visualization and MR physics.



Søren Hauberg

<https://www.dtu.dk/service/telefonbog/person?id=29284&tab=2&qt=dtupublicationquery>

Machine learning, manifold learning, deep learning



Tommy Sonne Alstrøm

<https://www.dtu.dk/service/telefonbog/person?id=21803&tab=2&qt=dtupublicationquery>

Machine learning. Deep learning.