Publications:

Analysis of MRI by fractals for prediction of sensory attributes: A case study in loin
Publication: Research - peer-review › Journal article – Annual report year: 2018

Development of a New Fractal Algorithm to Predict Quality Traits of MRI Loins
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Foreign object detection in multispectral X-ray images of food items using sparse discriminant analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Lederlønsundersøgelse - Lønberegner til BUPL
Publication: Research › Report – Annual report year: 2017

Outlier Detection in End-User Performance Monitoring - Smart Innovation.
Publication: Research › Report – Annual report year: 2017

Prediction of pork quality parameters by applying fractals and data mining on MRI
Publication: Research - peer-review › Journal article – Annual report year: 2017

Simulering af Lokalebehov i 2025
Publication: Research › Report – Annual report year: 2017

Sparse supervised principal component analysis (SSPCA) for dimension reduction and variable selection
Publication: Research - peer-review › Journal article – Annual report year: 2017

Statistical modelling of space-time processes with application to wind power.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Image Analysis for X-ray Imaging of Food
Publication: Research › Ph.D. thesis – Annual report year: 2016

Lederundersøgelse - Lønberegning
Publication: Research › Report – Annual report year: 2016

Muscle wound healing in rainbow trout (Oncorhynchus mykiss)
Publication: Research - peer-review › Journal article – Annual report year: 2016
Novelty detection of foreign objects in food using multi-modal X-ray imaging
Publication: Research - peer-review › Journal article – Annual report year: 2016

Parking guidance: Summary report
Publication: Research › Report – Annual report year: 2016

Analysis of data from the MariCare Smartfloor at Skovhuset Care Home
Publication: Research › Report – Annual report year: 2016

Big Data fra jord til bord
Publication: Communication › Report – Annual report year: 2015

Computer-aided diagnosis of pulmonary diseases using x-ray darkfield radiography
Publication: Research - peer-review › Journal article – Annual report year: 2015

Evaluation of acceptance sampling related to sealing plug and pipe stub.
Publication: Communication › Report – Annual report year: 2015

Model for TampImp-DeltaSigmaH Interaction.
Publication: Communication › Report – Annual report year: 2015

Multivariate Analysis Techniques for Optimal Vision System Design
Publication: Research › Ph.D. thesis – Annual report year: 2015

Revising an OECD Test Guideline on toxicity in aquatic environments
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

SigmaH for Switches and Crossings
Publication: Communication › Report – Annual report year: 2015

Analysis of micro-structure in raw and heat treated meat emulsions from multimodal X-ray microtomography
Publication: Research - peer-review › Journal article – Annual report year: 2014

Can We Find Organic Materials in Food Using X-rays?
Publication: Research - peer-review › Poster – Annual report year: 2014

DTU's undersøgelser af lav adhæsion / glatte skinner for Transportministeriet og DSB
Publication: Commissioned › Report – Annual report year: 2014

How do student evaluations of courses and of instructors relate?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Hyperspectral imaging based on diffused laser light for prediction of astaxanthin coating concentration
Publication: Research - peer-review › Journal article – Annual report year: 2013

Optimering af billetkontrol.
Publication: Communication › Report – Annual report year: 2014

Segmentation of Connective Tissue in Meat from Microtomography Using a Grating Interferometer
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014
Short mandible - a possible risk factor for cleft palate with/without a cleft lip
Publication: Research - peer-review › Journal article – Annual report year: 2014

Status for NEXIM New X-ray Imaging Modalities for safe and high quality food
Publication: Research - peer-review › Report chapter – Annual report year: 2014

Study Delay
Publication: Research › Report – Annual report year: 2014

Supervised feature selection for linear and non-linear regression of Lab color from multispectral images of meat
Publication: Research - peer-review › Journal article – Annual report year: 2014

Class 4 Defects
Publication: Research › Report – Annual report year: 2013

Contextual Multivariate Segmentation of Pork Tissue from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

DCT-Based Characterization of Milk Products Using Diffuse Reflectance Images
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Effects of mid-term student evaluations of teaching as measured by end-of-term evaluations: An empirical study of course evaluations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Improvement of the ΔσH Model
Publication: Research › Report – Annual report year: 2013

Multispectral Image Analysis for Robust Prediction of Astaxanthin Coating
Publication: Research - peer-review › Journal article – Annual report year: 2013

Optimal vision system design for characterization of apples using US/VIS/NIR spectroscopy data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

PorkCAD: Case study of the design of a pork product prototyper
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantitative Analysis of Micro-Structure in Meat Emulsions from Grating-Based Multimodal X-Ray Tomography
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Quantitative assessment of course evaluations
Publication: Research › Ph.D. thesis – Annual report year: 2014

Statistical Quality Assessment of Pre-fried Carrots Using Multispectral Imaging
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Text mining in students' course evaluations: Relationships between open-ended comments and quantitative scores
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014
Using Multispectral Imaging for Spoilage Detection of Pork Meat
Publication: Research - peer-review › Journal article – Annual report year: 2014

Workshop on Farm Animal and Food Quality Imaging 2013: Espoo, Finland, June 17, 2013, Proceedings
Publication: Research › Report – Annual report year: 2013

Wound healing in rainbow trout (Oncorhynchus mykiss) and common carp (Cyprinus carpio): with a focus on gene expression and wound imaging
Publication: Research › Ph.D. thesis – Annual report year: 2014

Automatic Quality Measurement and Parameter Selection for Example-based Texture Synthesis
Publication: Research › Report – Annual report year: 2012

Classification of Astaxanthin Colouration of Salmonid Fish using Spectral Imaging and Tricolour Measurement
Publication: Research › Report – Annual report year: 2012

Developmental toxicity effects in experimental animals after mixed exposure to endocrine disrupting pesticides
Publication: Research › Report – Annual report year: 2012

Matching Two-dimensional Gel Electrophoresis’ Spots
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Multispectral Image Analysis for Astaxanthin Coating Classification
Publication: Research - peer-review › Journal article – Annual report year: 2012

Multivariate image analysis for quality inspection in fish feed production
Publication: Research › Ph.D. thesis – Annual report year: 2012

Near-Infrared Hyper-spectral Image Analysis of Astaxanthin Concentration in Fish Feed Coating
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Realistic Virtual Cuts
Publication: Research › Ph.D. thesis – Annual report year: 2012

Registration-based Interpolation Real-Time Volume visualization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Regression and Sparse Regression Methods for Viscosity Estimation of Acid Milk From it’s Sls Features
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Anisotropic 3D texture synthesis with application to volume rendering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Classification Methods for CT-Scanned Carcass Midsections: A Study of Noise Stability
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

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Publication: Research › Ph.D. thesis – Annual report year: 2012

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Publication: Research › Conference abstract for conference – Annual report year: 2011
Direct arithmetic method versus statistical way of estimating weighted prevalences and confidence intervals: based on a method developed in connection to the DRUID roadside surveys
Publication: Research › Article in proceedings – Annual report year: 2011

Does an association between student evaluations of related CDIO courses exist?
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Image Analysis of Pellet Size for a Control System in Industrial Feed Production
Publication: Research - peer-review › Journal article – Annual report year: 2011

Multi-spectral Image Analysis for Astaxanthin Coating Classification
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Multispectral Imaging for Determination of Astaxanthin Concentration in Salmonids
Publication: Research - peer-review › Journal article – Annual report year: 2011

Multispectral imaging of wok fried vegetables
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

New Approach for Segmentation and Quantification of Two-Dimensional Gel Electrophoresis Images
Publication: Research - peer-review › Journal article – Annual report year: 2010

New vision technology for multidimensional quality monitoring of food processes
Publication: Research › Ph.D. thesis – Annual report year: 2011

Project Supervision - An Engineering Approach
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Project Supervision – An Engineering Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

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Publication: Research › Report – Annual report year: 2011

Sparse discriminant analysis
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ß-glucans accelerate the closing of open wounds in carp, Cyprinus carpio
Publication: Research › Poster – Annual report year: 2011

Trigeminal nerve injury associated with injection of local anesthetics: Needle lesion or neurotoxicity?
Publication: Research - peer-review › Journal article – Annual report year: 2011

Using Image Analysis On Standardised Full-Thickness Wounds In Scattered Mirror Carp (Cyprinus Carpio) As A Model For Wound Healing
Publication: Research › Conference abstract for conference – Annual report year: 2011

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Publication: Research › Poster – Annual report year: 2011

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Publication: Research › Ph.D. thesis – Annual report year: 2010

A comparison of dimension reduction methods with application to multi-spectral images of sand used in concrete
Publication: Research - peer-review › Journal article – Annual report year: 2010

Analysis of Astaxanthin In Fish Feed Pellets
Publication: Research › Conference abstract in proceedings – Annual report year: 2010

Canonical correlation analysis of course and teacher evaluation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Comparison of sparse point distribution models
Publication: Research - peer-review › Journal article – Annual report year: 2010

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Publication: Research › Article in proceedings – Annual report year: 2010

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Publication: Research - peer-review › Journal article – Annual report year: 2010

Overcoming trends in irregularly spaced locations by regional polish - exemplified by estimation of the range of influence between Salmonella Dublin-seropositive cattle herds
Publication: Research - peer-review › Journal article – Annual report year: 2010

Spatial modelling of the between-herd infection dynamics of bovine virus diarrhoea virus (BVDV) in dairy herds in Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2010

On parameterized deformations and unsupervised learning
Publication: Research › Ph.D. thesis – Annual report year: 2009

Computer Vision for Timber Harvesting
Publication: Research › Ph.D. thesis – Annual report year: 2009

Modeling the Biological Diversity of Pig Carcasses
Publication: Research › Ph.D. thesis – Annual report year: 2009

An Efficient Data-driven Tissue Deformation Model
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

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Efficient Incorporation of Markov Random Fields in Change Detection
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

GazeTrain: A case study of an action oriented gaze-controlled game
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Image analysis and multivariate statistics in production of aquaculture feed
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Kvalitet afhænger af måling og modellering
Publication: Communication › Journal article – Annual report year: 2009

Monitoring water content using multispectral imaging and NIR in a minced
Publication: Research › Conference abstract for conference – Annual report year: 2009

Quantification and validation of soft tissue deformation
Publication: Research › Article in proceedings – Annual report year: 2009

Shape and Texture Based Classification of Fish Species
Publication: Research - peer-review › Conference article – Annual report year: 2009

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Publication: Research - peer-review › Journal article – Annual report year: 2009

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Publication: Research - peer-review › Conference article – Annual report year: 2009

Temporal reflectance changes in vegetables
Publication: Research › Article in proceedings – Annual report year: 2009

Virtual dissection of pig carcasses
Publication: Research - peer-review › Journal article – Annual report year: 2009

Analysis of Craniofacial Images using Computational Atlases and Deformation Fields
Publication: Research › Ph.D. thesis – Annual report year: 2008

Estimation of shape model parameters for 3D surfaces
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Independent histogram pursuit for segmentation of skin lesions
Publication: Research - peer-review › Journal article – Annual report year: 2008

Sparse Discriminant Analysis
Publication: Research › Report – Annual report year: 2008

A method for comparison of growth media in objective identification of Penicillium based on multi-spectral imaging
Publication: Research - peer-review › Journal article – Annual report year: 2007
A Method for Evaluating Treatment in Infants with Deformational Plagiocephaly
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

A Point-Wise Quantification of Asymmetry Using Deformation Fields: Application to the Study of the Crouzon Mouse Model
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Automatic assessment of intrabdominal fat by MRI
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Automatic change detection and quantification of dermatological diseases with an application to psoriasis images
Publication: Research - peer-review › Journal article – Annual report year: 2007

Automatic Detection of Wild-type Mouse Cranial Sutures
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Classification of Biological Objects Using Active Appearance Modelling and Color Cooccurrence Matrices
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Computational mouse atlases and their application to automatic assessment of craniofacial dysmorphology caused by the Crouzon mutation Fgfr2
Publication: Research - peer-review › Journal article – Annual report year: 2007

Craniofacial Statistical Deformation Models of Wild-type mice and Crouzon mice
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Estimation of independent non-linear deformation modes for analysis of craniofacial malformations in crouzon mice
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

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Publication: Communication › Journal article – Annual report year: 2007

Individual discriminative face recognition models based on subsets of features
Publication: Research › Article in proceedings – Annual report year: 2007

KEYNOTE ADDRESS: Predicting clinical outcome from image derived morphological
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Palatal Surface Area of Maxillary Plaster Casts: A Comparison Between Two-Dimensional and Three-Dimensional Measurements
Publication: Research - peer-review › Journal article – Annual report year: 2007

Precise acquisition and unsupervised segmentation of multi-spectral images
Publication: Research - peer-review › Journal article – Annual report year: 2007

Quantifying Biological Variation
Publication: Research › Sound/Visual production (digital) – Annual report year: 2007

Robust Pose Estimation using the SwissRanger SR-3000 Camera
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007
Robust Pseudo-Hierarchical Support Vector Clustering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Sparse Statistical Deformation Model for the Analysis of Craniofacial Malformations in the Crouzon Mouse
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Texture Enhanced Appearance Models
Publication: Research - peer-review › Journal article – Annual report year: 2007

A Comparison of FFD-based Nonrigid Registration and AAMs Applied to Myocardial Perfusion MRI
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Automatic Assessment of Global Craniofacial Differences between Crouzon mice and Wild-type mice in terms of the Cephalic Index
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Building a real-time digital face to map from speech to lip movements and facial expression
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Characterization of pre- and postoperative macular holes from retinal OCT
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Class Generation for Numerical Wind Atlases
Publication: Research - peer-review › Journal article – Annual report year: 2006

Collecting highly reproducible images to support dermatological medical diagnosis
Publication: Research - peer-review › Journal article – Annual report year: 2006

Coupled Shape Model Segmentation in Pig Carcasses
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

Creating surface chemistry maps using multispectral vision technology
Publication: Research › Article in proceedings – Annual report year: 2006

Diagnosis of Connective Tissue Disorders based on Independent Component Analysis of Aortic Shape and Motion from 4D MR Images
Publication: Research - peer-review › Article in proceedings – Annual report year: 2006

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Publication: Research - peer-review › Report – Annual report year: 2006

Multispectral recordings and analysis of psoriasis lesions
Publication: Research › Article in proceedings – Annual report year: 2006

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2006
Towards Describing Crouzon syndrome via a Craniofacial Atlas
Publication: Research › Article in proceedings – Annual report year: 2006

A combined alignment and registration scheme of lesions with psoriasis
Publication: Research - peer-review › Journal article – Annual report year: 2005

A face recognition algorithm based on multiple individual discriminative models
Publication: Research › Article in proceedings – Annual report year: 2005

Calcium mobilization stimulates Dictyostelium discoideum shear-flow induced cell motility
Publication: Research - peer-review › Journal article – Annual report year: 2005

Deformable Models for Eye Tracking
Publication: Research › Article in proceedings – Annual report year: 2005

Development of an image based system to objectively score the severity of phoriasis
Publication: Research › Ph.D. thesis – Annual report year: 2005

Estimation of Critical Parameters in Concrete Production Using Multispectral Vision Technology
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

Heuristics for speeding up gaze estimation
Publication: Research › Article in proceedings – Annual report year: 2005

Segmentation for object-based Video of gaze Communication
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

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Publication: Research › Ph.D. thesis – Annual report year: 2004

A library of 7TM receptor C-terminal tails - Interactions with the proposed post-endocytic sorting proteins ERM-binding phosphoprotein 50 (EBP50), N-ethylmaleimide-sensitive factor (NSF), sorting nexin 1 (SNX1), and G protein-coupled receptor-associated sorting protein (GASP)
Publication: Research - peer-review › Journal article – Annual report year: 2004

Analysis of time-varying psoriasis lesion image patterns
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Methods for Measurement and Analysis of Craniofacial Morphology and Growth in Children with Cleft Lip and Palate
Publication: Research › Ph.D. thesis – Annual report year: 2004
Multi-set multi-temporal canonical analysis of psoriasis images
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

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Publication: Research › Report – Annual report year: 2004

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

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Publication: Research - peer-review › Journal article – Annual report year: 2004

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Publication: Research - peer-review › Report – Annual report year: 2003

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Publication: Research - peer-review › Report – Annual report year: 2003

Antibacterial drug use for treatment of mastitis in Danish dairy cows
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Building an Image-Based System to automatically Score psoriasis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

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Publication: Research › Report – Annual report year: 2003

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Publication: Research - peer-review › Journal article – Annual report year: 2003

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Publication: Research - peer-review › Journal article – Annual report year: 2003

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Publication: Research - peer-review › Journal article – Annual report year: 2003

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2003
Illumination correction in psoriasis lesions images
Publication: Research - peer-review › Report – Annual report year: 2003

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Publication: Research › Report – Annual report year: 2003

Quality and Analysis of Small Data Sets – A Statistical Point of View
Publication: Research › Conference article – Annual report year: 2003

Texture alteration detection in bitemporal images of lesions with psoriasis
Publication: Research › Report – Annual report year: 2003

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Publication: Research - peer-review › Journal article – Annual report year: 2003

Uncovering multivariate structure between milk productions variables and udder health variables using canonical correlations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Exploratory Analysis of Multivariate Data (Unsupervised Image Segmentation and Data Driven Linear and Nonlinear Decomposition)
Publication: Research › Ph.D. thesis – Annual report year: 2002

A Contextual Classifier That Only Requires One Prototype Pixel for Each Class
Publication: Research - peer-review › Journal article – Annual report year: 2002

Building and Testing a Statistical Shape Model of the Human Ear Canal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

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Publication: Research › Article in proceedings – Annual report year: 2002

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Publication: Research › Article in proceedings – Annual report year: 2002

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2002
A contextual classifier that only requires one prototype pixel for each class
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A filter for local estimation of cluster centers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

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Publication: Research › Report – Annual report year: 2001

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

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Publication: Research - peer-review › Journal article – Annual report year: 2001

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Experimental reproducibility in flow-chamber biofilms
Publication: Research - peer-review › Journal article – Annual report year: 2000

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Publication: Research › Journal article – Annual report year: 2000

Long-wave UVA offers partial protection against UVB-induced
Publication: Research - peer-review › Journal article – Annual report year: 2000

Quantification of biofilm structures by the novel computer program COMSTAT
Publication: Research - peer-review › Journal article – Annual report year: 2000

Quantitative measurement of changes in retinal vessel diameter in ocular fundus images
Publication: Research - peer-review › Conference article – Annual report year: 2000

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Publication: Research - peer-review › Journal article – Annual report year: 2000
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Publication: Research - peer-review › Article in proceedings – Annual report year: 1999

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Publication: Research - peer-review › Journal article – Annual report year: 1998

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Publication: Research - peer-review › Report – Annual report year: 1997

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On Fusion of High (Spatial) Resolution Greyscale Imagery with Low (Spatial) Resolution Color Imagery
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

On modelling corridors between areas of remnant vegetation
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

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Publication: Research - peer-review › Report – Annual report year: 1996
On Fusion of High (spatial) resolution greyscale imagery with low (spatial) resolution colour imagery
Publication: Research - peer-review › Report – Annual report year: 1996

On Modelling Corridors Between Areas of Remnant Vegetation
Publication: Research - peer-review › Report – Annual report year: 1996

Spatial Analysis of Multivariate, (Ir-)regularly Sampled Data: Geochemistry from the Eastern Erzgebirge: E.Y. Baafi and N.A. Schofield (Eds.)
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

Use of a Two-step Baysian Classifier to avoid Singularity and to Aid Interpretation
Publication: Research - peer-review › Article in proceedings – Annual report year: 1996

A simple contextual classifier
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Differentiation between geogenic and anthropogenic influences on soils in a mining processing area - some alternatives
Publication: Research - peer-review › Article in proceedings – Annual report year: 1995

Estimation of Dense Image Flow Fields in Fluids
Publication: Research - peer-review › Report – Annual report year: 1995

Progress Report on EC Funded Project BRE2-CT201
Publication: Research - peer-review › Report – Annual report year: 1994

A new approach to differentiation between geogenic and anthropogenic influences on soils in a mining processing area
Publication: Research - peer-review › Article in proceedings – Annual report year: 1993

Publication: Research - peer-review › Report – Annual report year: 1993

A randomized, double blind, placebo controlled, dose-response study of the analgesic effect of lornoxicam after surgical removal of mandibular third molars
Publication: Research - peer-review › Journal article – Annual report year: 1993

Aspects of analysis of multivariate, spatial data: Geochemistry from the Eastern Erzgebirge
Publication: Research - peer-review › Article in proceedings – Annual report year: 1993

Publication: Research - peer-review › Report – Annual report year: 1993

Three different criteria for the design of two-dimensional zero phase FIR digital filters
Publication: Research - peer-review › Journal article – Annual report year: 1993

Automated grading of wood-slabs. The development of a prototype system
Publication: Research - peer-review › Journal article – Annual report year: 1992

Automatic screening of plain film mammography
Publication: Research - peer-review › Journal article – Annual report year: 1992
Automated Grading of Wood-slabs: The Development of a Prototype System
Publication: Research - peer-review › Report – Annual report year: 1991

Data dependent orthogonal transformations of multichannel image data. IMSOR
Publication: Research - peer-review › Journal article – Annual report year: 1991

Discriminant analysis of an integrated data base applied in uranium exploration
Publication: Research - peer-review › Journal article – Annual report year: 1991

Integration of multi-source data in mineral exploration
Publication: Research - peer-review › Article in proceedings – Annual report year: 1991

Noise removal in multichannel image data by a parametric maximum noise fraction estimator
Publication: Research - peer-review › Article in proceedings – Annual report year: 1991

Some results on analysis of mammograms
Publication: Research - peer-review › Article in proceedings – Annual report year: 1991

On the Design of Two-dimensional Zero Phase FIR Digital Filters
Publication: Research - peer-review › Report – Annual report year: 1990

Test Bed for Experimental Computer Vision. VIPWOB-memo 9003
Publication: Research - peer-review › Report – Annual report year: 1990

Variable selection in non-linear discriminant analysis. IMSOR, DTH
Publication: Research - peer-review › Journal article – Annual report year: 1990

VIPWOB-konceptet anvendt på IMSOR
Publication: Research › Article in proceedings – Annual report year: 1990

Opbygning af et vision-system til industriel kvalitetskontrol. Kompendium.
Publication: Research › Article in proceedings – Annual report year: 1989

Robotvision. Robotteknik: Anvendelser og udvikling
Publication: Research › Article in proceedings – Annual report year: 1989

Transformations and classifications of remotely sensed data. Theory and geological cases
Publication: Research › Ph.D. thesis – Annual report year: 1989

Determination of material properties by means of the GOP 300
Publication: Research - peer-review › Journal article – Annual report year: 1988

Textural features useful in classification of digital images
Publication: Research - peer-review › Article in proceedings – Annual report year: 1987

Automated analysis of linear features based on satellite imagery compared with geological setting
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

Automated identification of linear features in digital imagery
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986
Billeder omsat i tal
Publication: Research - peer-review › Journal article – Annual report year: 1986

Comparison of visual and automated lineament analysis on Landsat MSS image from south Greenland
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

Remote sensing used in mineral exploration in Greenland. Commission on thematic mapping from satellite imagery
Publication: Research - peer-review › Journal article – Annual report year: 1986

Statistical methods and remote sensing techniques applied in analysis of combined geodata
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

The use of additional variables in classification of image data
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

The use of remote sensing in mapping of oxidized zones and lineaments in Greenland
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

A comparison of min/max autocorrelation factor analysis and ordinary factor analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 1985

Analysis of Satellite imagery combined with geophysical and geochemical measurements
Publication: Research - peer-review › Article in proceedings – Annual report year: 1985

Simultaneous analysis of imagery of different origin
Publication: Research - peer-review › Article in proceedings – Annual report year: 1985

A dynamic test method for the thermal performance of small houses
Publication: Research - peer-review › Article in proceedings – Annual report year: 1984

Prediction of high tides in the Baltic Sea, IMSOR research
Publication: Research - peer-review › Article in proceedings – Annual report year: 1984

Tidsrækkeanalyse af vandstande fra Østersøen omkring Lolland-Falster
Publication: Research - peer-review › Article in proceedings – Annual report year: 1984

Projects:

Development and implementation of high-dimensional normal behavior areas for citizens with dementia, in proactive care at nursing homes
Project: PhD

Big Data Processing and shaping in SeaStatus
Project: PhD

Big Data Analysis on Food Supply Chain Data
Project: PhD

Big Data Analytics with special emphasis on Food Supply Chain Data
Project: PhD
Big Data Analytics with special emphasis on Food Supply Chain Data
Project: PhD

Big Data Analytics with special emphasis on Food Supply Chain data
Project: PhD

Machine Learning as a Service
Project: PhD

Visualization, Analysis and Modelling of On-street Parking Data
Project

Automated NIR management
Project: PhD

Impact Assessment of University Research
Project: PhD

Methods and tools for the statistical data analysis for large datasets collected from bio-based manufacturing processes
Project: PhD

Intelligent Quality Assessment of Railway Switches and Crossings
Project

Intelligent Quality Assessment of Railway Switches and Crossings (INTELLISWITCH)
Project

COMPUTE Software Group
Project

Smart Innovation: Parking Guidance
Project

Statistical modelling of space-time processes with
Project: PhD

Image Analysis for X-ray Imaging of Food
Project: PhD

Monitoring Animal Wellbeing
Project: PhD

Multivariate Analysis Techniques for Optimal Vision System Design
Project: PhD

Control & Surveillance of Automated Production Steps (a part of the inSPIRe Food)
Project

Multivariate Analysis Techniques for Optimal Vision Design
Project: PhD
Short range modelling of Culicoides dispersal
Project: PhD

Quantitative assessment of course evaluation
Project: PhD

Development and Application of Image Analysis and Multivariate Statistics in Industrial Aquaculture Feed Production
Project: PhD

Applying image analysis as a new tool for understanding the processes behind dermal tissue damage and regeneration
Project: PhD

Towards the Interactive ESS-Food Catalogue
Project: PhD

Cranio-facial growth modelling
Project: PhD

Statistical Analysis of stochastic fluorescence data in biology and biophysics
Project: PhD

New vision technology for multidimensional quality monitoring of food processes
Project: PhD

Online CT-scanning af slægtesvin
Project: PhD

Advanced Methods for Biological Shape Analysis
Project: PhD

Data-analyse i sparse, høj-dimensionale rum
Project: PhD

Multimodal Neuroaktivitetsanalyse
Project: PhD

Godekendelse og sporing af tømmerstokke ved 3D-billedbehandling
Project: PhD

Modellering af biologisk diversitet hos grise
Project: PhD

Modeling the Effects of Drugs Targetes to Tumor Vasculature using MRI
Project: PhD

Dynamical Shape analysis
Project: PhD

Modeling of Animate Object Contours, Surfaces, Regions
Project: PhD
System design for vision based dermatological measurement
Project: PhD

System design for vision-based dermatological measurements
Project: PhD

Statistical Image Segmentation in 3D and 4D
Project: PhD

FACE- Facial Analysis, Coding and Estimation
Project: PhD

3D/4D Image analysis
Project: PhD

Novelty detection in video and image signals
Project: PhD

3D Shape Analysis of The Craniofacial Anomaly in Children With Cleft Lip and Palate
Project

Intelligent, Interactive Templates and their Application to 3D Medical Modelling
Project: PhD

Signal and Image Processing for Telemedicine (SITE).
Project

Modelling of the geoid and the north Atlantic Sea level
Project: PhD

The GEOid and Sea level Of the North Atlantic Region (GEOSONAR). Project no.: 1217, Ph.D-student Klaus Baggesen Hilger
Project

Analysis of two-dimensional electrophoresis images. Project no.: 1276, Ph.D-student Lars Pedersen
Project

Analysis of two-dimensional electrophoresis images
Project: PhD

Forbedring af Videobilledsekvenser
Project

Analysis and Extensions of the n-Tuple Classifier with Implications for Ensembles
Project: PhD

Object measurement. Project no.: 1215, Ph.D-student Claus Gramkow.
Project

Benthiske samfunds stokastiske geometri
Project: PhD
BioSonar (EU project MA53-CT95-0026)
Project

Does pigmentation protect against ultraviolet B induced immunosuppression?
Project

Estimation and quantification of digitised craniofacial X-rays
Project

Quality Improvement of Drug Therapy for Asthma Patients - Evaluation of a Co-operative Danish Programme
Project

Activities:

Introduction to Applied Statistics with R for PhD Students
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities