Cognitive Systems - DTU Orbit (09/09/2018)

Cognitive Systems
Department of Applied Mathematics and Computer Science
Organisational unit: Section

Publications:

**Phone-based metric as a predictor for basic personality traits**
Mønsted, B., Mollgaard, A. & Mathiesen, J. 1 Jun 2018 In : Journal of Research in Personality. 74, p. 16-22
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Stress response and cognitive performance modulation in classroom versus natural environments: A quasi-experimental pilot study with children**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Academic performance and behavioral patterns**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**A Deep Learning Approach for Real-Time Detection of Atrial Fibrillation**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**A Deep Learning Approach to Identify Local Structures in Atomic-Resolution Transmission Electron Microscopy Images**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**A Diagnostic and Predictive Framework for Wind Turbine Drive Train Monitoring**
Publication: Research › Ph.D. thesis – Annual report year: 2018

**A Fitts' law study of click and dwell interaction by gaze, head and mouse with a head-mounted display**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

**A gaze interactive assembly instruction with pupillometric recording**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome**
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art**
Publication: Research - peer-review › Journal article – Annual report year: 2018
A Vibrotactile Alarm System for Pleasant Awakening
Publication: Research - peer-review › Journal article – Annual report year: 2018

Benefits of spatio-temporal modelling for short term wind power forecasting at both individual and aggregated levels
Publication: Research - peer-review › Journal article – Annual report year: 2018

Complex Spreading Phenomena in Social Systems: Influence and Contagion in Real-World Social Networks
Publication: Research - peer-review › Journal article – Annual report year: 2018

Constrained information flows in temporal networks reveal intermittent communities
Publication: Research - peer-review › Journal article – Annual report year: 2018

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Deep Generative Models for Semi-Supervised Machine Learning
Publication: Research › Ph.D. thesis – Annual report year: 2018

Deep Latent Variable Models for Sequential Data
Publication: Research › Ph.D. thesis – Annual report year: 2018

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Design process robustness: A bi-partite network analysis reveals the central importance of people
Piccolo, S., Jørgensen, S. L. & Maier, A. 2018 In : Design Science Journal. 4, e1
Publication: Research - peer-review › Journal article – Annual report year: 2018

EEG Theta Power Is an Early Marker of Cognitive Decline in Dementia due to Alzheimer's Disease
Publication: Research - peer-review › Journal article – Annual report year: 2018

Efficient computation for Bayesian comparison of two proportions
Publication: Research - peer-review › Journal article – Annual report year: 2018

Evidence for a Conserved Quantity in Human Mobility
Publication: Research - peer-review › Journal article – Annual report year: 2018

FindZebra - using machine learning to aid diagnosis of rare diseases
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The Dangers of Following Trends in Research: Sparsity and Other Examples of Hammers in Search of Nails
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Understanding Mindsets Across Markets, Internationally: A Public-private Innovation Project for Developing a Tourist Data Analytic Platform
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Understanding predictability and exploration in human mobility
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How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation
Publication: Research - peer-review › Journal article – Annual report year: 2017

Flexible non-linear predictive models for large-scale wind turbine diagnostics
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Active Self-Tracking of Subjective Experience with a One-Button Wearable: A Case Study in Military PTSD
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Tcherniak, D. & Mølgaard, L. L. 2017 In : Structural Health Monitoring. 16, 5, p. 536-550
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A deep learning approach to adherence detection for type 2 diabetics
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A Disentangled Recognition and Nonlinear Dynamics Model for Unsupervised Learning
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Alterations in the brain's connectome during recovery from severe traumatic brain injury: Protocol for a longitudinal prospective study
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An introduction to Deep learning on biological sequence data - Examples and solutions
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A pseudo-Voigt component model for high-resolution recovery of constituent spectra in Raman spectroscopy
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Can smartphone-based electronic markers discriminate between patients with bipolar disorder, healthy first-degree relatives and healthy control individuals
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CloudScan - A Configuration-Free Invoice Analysis System Using Recurrent Neural Networks
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Correlations between human mobility and social interaction reveal general activity patterns
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Deep convolutional neural networks for interpretable analysis of EEG sleep stage scoring
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DeepLoc: prediction of protein subcellular localization using deep learning
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Difference-of-Convex optimization for variational kl-corrected inference in dirichlet process mixtures
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EEG in the classroom: Synchronised neural recordings during video presentation
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Excavating the mother lode of human-generated text: A systematic review of research that uses the Wikipedia corpus
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From concept to in vivo testing: Microcontainers for oral drug delivery
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From Raw Data to Social Systems - Separating the Signal from the Noise In Smartphone Sensor Measurements
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Modeling Structural Brain Connectivity
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Modeling the Temporal Nature of Human Behavior for Demographics Prediction
The Bipolar Illness Onset study: research protocol for the BIO cohort study
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The missing link: Predicting connectomes from noisy and partially observed tract tracing data
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The role of gender in social network organization
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Why Do We Fall into Sync with Others? Interpersonal Synchronization and the Brain's Optimization Principle
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Working Memory Modulation of Frontoparietal Network Connectivity in First-Episode Schizophrenia
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Bayesian leave-one-out cross-validation approximations for Gaussian latent variable models
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Blu-ray based optomagnetic aptasensor for detection of small molecules
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Completely random measures for modelling block-structured sparse networks
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Publication: Research › Ph.D. thesis – Annual report year: 2016

Design of Cognitive Interfaces for Personal Informatics Feedback
Development and implementation of a PV performance monitoring system based on inverter measurements
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Forward Models can be Inferred from EEG Data
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Measuring Motion-Induced B0-Fluctuations in the Brain Using Field Probes
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Neural Markers of Responsiveness to the Environment in Human Sleep
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New frontiers of quantified self 2: Going beyond numbers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Obtaining Data on Hearing Experience Through Self-tracking
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Open Problem: Kernel methods on manifolds and metric spaces: What is the probability of a positive definite geodesic exponential kernel?
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Resting-State Connectivity Predicts Levodopa-Induced Dyskinesias in Parkinson's Disease
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Scalable Robust Principal Component Analysis Using Grassmann Averages
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The influence of hyper-parameters in the infinite relational model

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The middle ear immune defense changes with age

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Voice analysis as an objective state marker in bipolar disorder
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A Random Riemannian Metric for Probabilistic Shortest-Path Tractography
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Opportunities and Challenges in Crowdsourced Wardriving

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Rare disease diagnosis: A review of web search, social media and large-scale data-mining approaches
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Recurrent Spatial Transformer Networks

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S-AMP for non-linear observation models

Self-Disorder and Brain Processing of Proprioception in Schizophrenia Spectrum Patients: A Re-Analysis

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Adapting the Theory of Visual Attention (TVA) to model auditory attention
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Analyzing Social Interactions: Promises and Challenges of Cross Recurrence Quantification Analysis
Are deep neural networks really learning relevant features?
Kereliuk, C. M., Larsen, J. & Sturm, B. L. 2014
Publication: Research › Paper – Annual report year: 2015

A regularized matrix factorization approach to induce structured sparse-low-rank solutions in the EEG inverse problem
Publication: Research › peer-review › Book chapter – Annual report year: 2014

Bayesian Correlated Component Analysis for inference of joint EEG activation
Publication: Research › peer-review › Journal article – Annual report year: 2014

Bayesian Inference for Structured Spike and Slab Priors
Publication: Research › peer-review › Article in proceedings – Annual report year: 2014

Bone Signaling in Middle Ear Development: A Genome-Wide Differential Expression Analysis
Nielsen, M. C., Bertelsen, T. M., Fris, M., Winther, O., Fris-Hansen, L., Cayé-Thomasen, P. & Sørensen, M. S. 2014 In : Anatomical Record. 297, 12, p. 2349-2355
Publication: Research › peer-review › Journal article – Annual report year: 2014

Brain Network Modelling
Publication: Research › Ph.D. thesis – Annual report year: 2014

Brede Tools and Federating Online Neuroinformatics Databases
Nielsen, F. Å. 2014 In : NeuroInformatics. 12, 1, p. 27-37
Publication: Research › peer-review › Journal article – Annual report year: 2014

Characterization of the time-evolving bending profile of micro-cantilevers
Publication: Research › peer-review › Poster – Annual report year: 2014

Community structure in resting state complex networks
Publication: Research › peer-review › Conference abstract for conference – Annual report year: 2014

Compact Web browsing profiles for click-through rate prediction
Publication: Research › peer-review › Article in proceedings – Annual report year: 2014

Data-driven Vessel Performance Monitoring
Publication: Research › Ph.D. thesis – Annual report year: 2015
Four Data Visualization Heuristics to Facilitate Reflection in Personal Informatics
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Frontal alpha oscillations distinguish leaders from followers: Multivivariate decoding of mutually interacting brains
Publication: Research - peer-review › Journal article – Annual report year: 2014

Grassmann Averages for Scalable Robust PCA
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Guest Editorial: Machine Learning for Signal Processing
Publication: Research › Editorial – Annual report year: 2014

Imaging based agglutination measurement of magnetic micro-particles on a Lab-on-a-Disc platform
Publication: Research - peer-review › Poster – Annual report year: 2014

Improving spectral resolution of SERS using moving AG nanopillar substrate
Publication: Research - peer-review › Poster – Annual report year: 2014

Improving the robustness of Surface Enhanced Raman Spectroscopy based sensors by Bayesian Non-negative Matrix Factorization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Inferring Human Mobility from Sparse Low Accuracy Mobile Sensing Data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Infinite-degree-corrected stochastic block model
Publication: Research - peer-review › Journal article – Annual report year: 2014

In the twinkling of an eye: synchronization of EEG and eye tracking based on blink signatures
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Joint Iterative Carrier Synchronization and Signal Detection Employing Expectation Maximization
Publication: Research - peer-review › Journal article – Annual report year: 2014
Measuring Large-Scale Social Networks with High Resolution
Publication: Research - peer-review › Journal article – Annual report year: 2014

Metrics and Evaluation Models for Accessible Television
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Metrics for Probabilistic Geometries
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

MicroRNA expression analysis and Multiplex ligation-dependent probe amplification in metastatic and non-metastatic uveal melanoma
Publication: Research - peer-review › Journal article – Annual report year: 2014

Modeling Temporal Structure in Music for Emotion Prediction using Pairwise Comparisons
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Model Selection in Data Analysis Competitions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Model Transport: Towards Scalable Transfer Learning on Manifolds
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Multivariate decoding of mutually interacting brains reveals complementary neural mechanisms in leaders and followers
Konvalinka, I. 2014
Publication: Research › Conference abstract for conference – Annual report year: 2014

Non-linear calibration models for near infrared spectroscopy
Publication: Research - peer-review › Journal article – Annual report year: 2013

Non-negative Tensor Factorization with missing data for the modeling of gene expressions in the Human Brain
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Nonparametric Bayesian Clustering of Structural Whole Brain Connectivity in Full Image Resolution
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014
The Long Tail Issue in Large Scale Deployment of Personal Informatics
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

The role of simulation in designing for universal access
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

The Smartphone Brain Scanner: A Portable Real-Time Neuroimaging System
Publication: Research - peer-review › Journal article – Annual report year: 2014

The Strength of Friendship Ties in Proximity Sensor Data
Sekara, V. & Jørgensen, S. L. 2014 In : P L o S One. 9, 7, 8 p., e100915
Publication: Research - peer-review › Journal article – Annual report year: 2014

The Strength of the Strongest Ties in Collaborative Problem Solving
Publication: Research - peer-review › Journal article – Annual report year: 2014

Tumor antigens as proteogenomic biomarkers in invasive ductal carcinomas
Publication: Research - peer-review › Journal article – Annual report year: 2015

Validity of covariance models for the analysis of geographical variation
Publication: Research - peer-review › Journal article – Annual report year: 2014

Visualizing multi-channel networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Visualizing QS Data Using Time Spirals
Larsen, J. E., Cuttone, A. & Jørgensen, S. L. 2014
Publication: Research - peer-review › Poster – Annual report year: 2014

Wikipedia in the eyes of its beholders: A systematic review of scholarly research on wikipedia readers and readership
Okoli, C., Mehdi, M., Mesgari, M., Nielsen, F. Á. & Lanamäki, A. 2014 In : Journal of the Association for Information Science and Technology . 65, 12, p. 2381-2403
Publication: Research - peer-review › Journal article – Annual report year: 2014

Your heart might give away your emotions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014
3D gender recognition using cognitive modeling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Abelpris til Pierre Deligne for banebrydende matematisk rapsodi om de algebraiske ligningers geometri
Publication: Research › Journal article – Annual report year: 2014

A Hierarchical Bayesian M/EEG Imaging Method Correcting for Incomplete Spatio-Temporal Priors
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

A Mobile Personal Informatics System with Interactive Visualizations of Mobility and Social Interactions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Analysis of Conceptualization Patterns across Groups of People
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Analysis of Subjective Conceptualizations Towards Collective Conceptual Modelling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

A Neural Marker of Perceptual Consciousness in Infants
Publication: Research - peer-review › Journal article – Annual report year: 2013

Archetypal analysis of diverse Pseudomonas aeruginosa transcriptomes reveals adaptation in cystic fibrosis airways
Publication: Research - peer-review › Journal article – Annual report year: 2013

Assessing Miniaturized Sensor Performance using Supervised Learning, with Application to Drug and Explosive Detection
Publication: Research › Ph.D. thesis – Annual report year: 2013

Autobiographical Memory in a Fire-Walking Ritual
Publication: Research - peer-review › Journal article – Annual report year: 2014

Believing versus interacting: Behavioural and neural mechanisms underlying interpersonal coordination
Konvalinka, I., Bauer, M., Kilner, J., Roepstorff, A. & Frith, C. D. 2013
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Bounded Gaussian process regression
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Comparing Structural Brain Connectivity by the Infinite Relational Model
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Complementary coordination strategies in a joint Fitts' reciprocal aiming task
Konvalinka, I., Skewes, L., Michael, J. & Skewes, J. C. 2013
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Crowds, Bluetooth and Rock’n’Roll: Understanding Music Festival Participant Behavior
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Crowds, Bluetooth, and Rock’n’Roll: Understanding Music Festival Participant Behavior
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Dimensionality reduction for click-through rate prediction: Dense versus sparse representation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

EEG Sequence Imaging: A Markov Prior for the Variational Garrote
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Efficient individualization of hearing aid processed sound
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Estimating passenger numbers in trains using existing weighing capabilities
Publication: Research - peer-review › Journal article – Annual report year: 2013

Expansion of the Variational Garrote to a Multiple Measurement Vectors Model
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

FindZebra: A search engine for rare diseases
Publication: Research - peer-review › Journal article – Annual report year: 2013

Hearing Aid Personalization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Modelling auditory attention: Insights from the Theory of Visual Attention (TVA)
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Mouth reversal extinguishes mismatch negativity induced by the McGurk illusion
Eskelund, K. & Andersen, T. 2013 In : Multisensory Research. 26, 0, p. 133–134
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Multiple sclerosis impairs regional functional connectivity in the cerebellum
Publication: Research - peer-review › Journal article – Annual report year: 2013

Nanomechanical recognition of prognostic biomarker suPAR with DVD-ROM optical technology
Publication: Research - peer-review › Journal article – Annual report year: 2013

Nonparametric Bayesian Modeling of Complex Networks: An Introduction
Publication: Research - peer-review › Journal article – Annual report year: 2013

Participatory Bluetooth Sensing: A Method for Acquiring Spatio-Temporal Data about Participant Mobility and Interactions at Large Scale Events
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Personal Informatics in the Wild: Hacking Habits for Health & Happiness
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Personalized Audio Systems - a Bayesian Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Perturbative corrections for approximate inference in gaussian latent variable models
Publication: Research - peer-review › Journal article – Annual report year: 2013

Pointing to oneself: active versus passive proprioception revisited and implications for internal models of motor system function
Publication: Research - peer-review › Journal article – Annual report year: 2013

Population Structure
Publication: Research › Report – Annual report year: 2013

PorkCAD: Case study of the design of a pork product prototyper
Predictive Modeling of Expressed Emotions in Music Using Pairwise Comparisons
Madsen, J., Jensen, B. S. & Larsen, J. 2013 In : Lecture Notes in Computer Science. 7900, p. 253-277

Process optimization of ultrasonic spray coating of polymer films

QS Spiral: Visualizing Periodic Quantified Self Data

Sequential collaboration network with sentiment coloring
Nielsen, F. Å. 2013

Sparse Source EEG Imaging with the Variational Garrote

Spatio-temporal media components for neurofeedback

Towards a universal representation for audio information retrieval and analysis

Unsupervised knowledge structuring Application of Infinite Relational Models to the FCA visualization

Variance inflation in high dimensional Support Vector Machines
Abrahamsen, T. J. & Hansen, L. K. 2013 In : Pattern Recognition Letters. 34, 16, p. 2173-2180

How Low Can You Go: Spatial Frequency Sensitivity in Pure Alexia
Starrfelt, R., Nielsen, S., Habekost, T. & Andersen, T. 2012

Integration of top-down and bottom-up information for audio organization and retrieval
Joint Modelling of Structural and Functional Brain Networks
Publication: Research - peer-review › Paper – Annual report year: 2012

Link prediction in weighted networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Multi-colorimetric sensor array for detection of illegal materials
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Semi-supervised Eigenvectors for Locally-biased Learning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

String matching with variable length gaps
Publication: Research - peer-review › Journal article – Annual report year: 2012

Demonstration: A smartphone 3D functional brain scanner
Publication: Research › Conference abstract for conference – Annual report year: 2011

Projects:

Communication keyboards for people with special needs
Bafna, T., Hansen, J. P., Bækgaard, P. & Puthusserypady, S.
01/04/2018 → 31/03/2021
Project: PhD

State-informed brain stimulation
Krohne, L. K.
01/02/2017 → …
Project

Reducing the rate and duration of re-admission among patients with unipolar and bipolar disorder using smartphone-based monitoring and treatment
Bardram, J. E. & Winther, O.
01/03/2016 → 01/09/2019
Project

Functional Connectivity during Theory of Mind and Empathy tasks, using Machine Learning in Subjects with Schizotypy
Krohne, L. K.
01/06/2015 → …
Project
Computational methods for wind-energy forecasting
Guillot, G., Pinson, P. & Bezzeria, E.
01/02/2015 → 29/02/2016
Project

Non-Linear Temporal Machine Learning Models for Conditioning Monitoring in Large-Scale Solar Energy Systems
Maaløe, L. & Winther, O.
15/12/2014 → 15/12/2017
Project

Benchmarking and extending models of real estate price prediction, under financial regulation requirements
Guillot, G., Katossky, A., Thygesen, U. H. & Dalhoff, J.
01/09/2014 → 01/10/2017
Project

Computational Landscape Genomics
Guillot, G., Storfer, A., Poss, M. & Antolin, M.
01/10/2013 → …
Project

Population structure
Guillot, G. & Orlando, L.
01/07/2013 → …
Project

Deep Belief Nets for Topic Modeling
Maaløe, L. & Winther, O.
01/02/2013 → 01/03/2014
Project

Early Detection of Markers for Neurodegenerative Diseases
Krohne, L. K.
01/02/2013 → 30/08/2014
Project

Activities:

24th Annual Meeting of the Organization of Human Brain Mapping
Krohne, L. K. (Participant)
17 Jun 2018 → 21 Jun 2018
Activity: Attending an event › Participating in or organising a conference

Does corticospinal excitability depend on oscillatory phase of the mu-rhythm?
Krohne, L. K. (Speaker)
17 Jun 2018 → 21 Jun 2018
Activity: Talks and presentations › Conference presentations

2018 Summer Short Course on Causal Discovery
Krohne, L. K. (Participant)
11 Jun 2018 → 15 Jun 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

NeuroImage (Journal)
Krohne, L. K. (Reviewer)
Jun 2017 → …
Activity: Research › Peer review of manuscripts
Modeling of dynamic functional networks for prediction of schizotypy
Krohne, L. K. (Lecturer)
20 Jun 2017
Activity: Talks and presentations › Conference presentations

2017 International Consortium for Research on Schizotypy
Krohne, L. K. (Participant)
19 Jun 2017 – 20 Jun 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Integration of Nanopillar SERS Substrates in a Microfluidic Platform for Analyte Separation and Quantitative Sensing
Durucan, O. (Guest lecturer), Morelli, L. (Guest lecturer), Wu, K. (Guest lecturer), Viehrig, M. (Guest lecturer), Ilchenko, O. (Guest lecturer), Zor, K. (Guest lecturer), Matteucci, M. (Guest lecturer), Alstrøm, T. S. (Guest lecturer), Rindzevicius, T. (Guest lecturer), Schmidt, M. S. (Guest lecturer), Boisen, A. (Guest lecturer)
11 Jun 2017 – 17 Jun 2017
Activity: Talks and presentations › Conference presentations

WikiCite 2016
Nielsen, F. Å. (Participant)
25 May 2016 – 26 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

An Introduction to Multisensory Perception
Andersen, T. (Lecturer)
8 Sep 2015
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

ICES
Guillot, G. (Participant)
9 Jun 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Member of PhD committee (External organisation)
Guillot, G. (Participant)
May 2015
Activity: Membership › Membership in review committee

Model and inference algorithm to combine genetic, phenotypic and geographic information
Guillot, G. (Invited speaker)
29 Apr 2015
Activity: Talks and presentations › Conference presentations

Combining text mining and coordinate-based meta-analysis
Nielsen, F. Å. (Invited speaker)
21 Apr 2015
Activity: Talks and presentations › Conference presentations

Models and Modes of Audiovisual integration
Andersen, T. (Lecturer)
18 Feb 2015
Activity: Talks and presentations › Conference presentations

10th Danish-French workshop in Spatial Statistics
Guillot, G. (Invited speaker)
2014
Assessment committee PhD Scholarships, DTU compute (External organisation)
Guillot, G. (Participant)
10 Nov 2014

Modeling categorial audiovisual perception: pitfalls and solutions
Andersen, T. (Lecturer)
7 Nov 2014

Workshop on effects of global change on species' range fluctuations using intra-specific genetic variation in both phenotypic and molecular data
Guillot, G. (Invited speaker)

An Introduction to Multisensory Perception
Andersen, T. (Lecturer)
2 Sep 2014

36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
Krohne, L. K. (Participant)

Early Maximum-Likelihood Estimation as a model of audiovisual integration of speech
Andersen, T. (Lecturer)
11 Jun 2014

Lecture
Guillot, G. (Lecturer)
Apr 2014

Seminar of the Department of Biology
Guillot, G. (Participant)
Apr 2014

17th International Conference on Artificial Intelligence and Statistics
Hansen, S. T. (Participant)
22 Apr 2014 → 25 Apr 2014

Computational Models of Attention and Perception
Andersen, T. (Lecturer)
28 Jan 2014

Journal of the Royal Statistical Society (Journal)
Guillot, G. (Editor)
1 Jan 2014 → 31 Dec 2014
Activity: Research › Journal editor

**Member of the Editorial Board Population Ecology (External organisation)**
Guillot, G. (Participant)
1 Jan 2014 → 31 Dec 2014
Activity: Membership › Board duties in companies, associations, or public organisations

**Arieties of cross-modal interactions and multi-sensory integration effects: Invited lecture at Otto-von-Guericke-Universität Magdeburg, Germany**
Andersen, T. (Lecturer)
29 Nov 2013
Activity: Talks and presentations › Conference presentations

**An Introduction to Multisensory Perception**
Andersen, T. (Guest lecturer)
9 Sep 2013
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**Estimating the phylogenetic history for two related populations: A Hidden Markov Model approach to finding phylogenetic trees**
Guillot, G. (Internal examiner)
Jul 2013
Activity: Examinations and supervision › Internal examination

**Journal of the Royal Statistical Society, series A (Journal)**
Guillot, G. (Editor)
2012 → 2014
Activity: Research › Journal editor

**Prizes:**

**Molecular Ecology best reviewer 2013**
Gilles Guillot (Recipient), Jan 2013
Prize: Prizes, scholarships, distinctions

**Press clippings:**

**Banksy in Boston? Nope, just bots in Copenhagen**
Sune Lehmann Jørgensen
04/12/2013
1 media contribution
Press / Media