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How low can you go: Spatial frequency sensitivity in a patient with pure alexia
Starrfelt, R., Nielsen, S., Habekost, T. & Andersen, T. 2013 In : Brain and Language. 126, 2, p. 188-192
Publication: Research - peer-review › Journal article – Annual report year: 2013

Images from a jointly-arousing collective ritual reveal affective polarization
Publication: Research - peer-review › Journal article – Annual report year: 2014

Kernel Methods for Machine Learning with Life Science Applications
Publication: Research › Ph.D. thesis – Annual report year: 2013

Publication: Research - peer-review › Journal article – Annual report year: 2013

Large scale inference in the Infinite Relational Model: Gibbs sampling is not enough
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Large-scale Machine Learning in High-dimensional Datasets
Publication: Research › Ph.D. thesis – Annual report year: 2013

Learning the solution sparsity of an ill-posed linear inverse problem with the Variational Garrote
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Les risques industriels et le prix des logements
Publication: Research - peer-review › Journal article – Annual report year: 2014

Measuring Personalization of Web Search
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Mobile real-time EEG imaging Bayesian inference with sparse, temporally smooth source priors
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Modelling Temporal Evolution and Multiscale Structure In Networks
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Modelling auditory attention: Insights from the Theory of Visual Attention (TVA)
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 » Conference abstract for conference – 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

Participant 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
Publication: Research - peer-review » Article in proceedings – Annual report year: 2013
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
Publication: Research - peer-review › Journal article – Annual report year: 2013

Process optimization of ultrasonic spray coating of polymer films
Publication: Research - peer-review › Journal article – Annual report year: 2013

QS Spiral: Visualizing Periodic Quantified Self Data
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Sequential collaboration network with sentiment coloring
Nielsen, F. Å. 2013
Publication: Research › Conference abstract for conference – Annual report year: 2015

Sparse Source EEG Imaging with the Variational Garrote
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Spatio temporal media components for neurofeedback
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Surface-Enhanced Raman Spectroscopy Based Quantitative Bioassay on Aptamer-Functionalized Nanopillars Using Large-Area Raman Mapping
Publication: Research - peer-review › Journal article – Annual report year: 2013

Towards a universal representation for audio information retrieval and analysis
Publication: Research - peer-review › Conference article – Annual report year: 2013

Unsupervised knowledge structuring Application of Infinite Relational Models to the FCA visualization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Variance inflation in high dimensional Support Vector Machines
Abrahamsen, T. J. & Hansen, L. K. 2013 In : Pattern Recognition Letters. 34, 16, p. 2173-2180
Publication: Research - peer-review › Journal article – Annual report year: 2013

How Low Can You Go: Spatial Frequency Sensitivity in Pure Alexia
Starrfelt, R., Nielsen, S., Habekost, T. & Andersen, T. 2012
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Integration of top-down and bottom-up information for audio organization and retrieval
Publication: Research › Ph.D. thesis – Annual report year: 2013
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 › Article in proceedings – Annual report year: 2012

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

Projects:

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

Computational methods for wind-energy forecasting
Guillot, G., Pinson, P. & Bezzera, 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., Katotssy, 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

Activity:

**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
Activity: Talks and presentations › Conference presentations

Assessment committee PhD Scholarships, DTU compute (External organisation)
Guillot, G. (Participant)
10 Nov 2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Modeling categorial audiovisual perception: pitfalls and solutions
Andersen, T. (Lecturer)
7 Nov 2014
Activity: Talks and presentations › Conference presentations

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)
Activity: Talks and presentations › Conference presentations

An Introduction to Multisensory Perception
Andersen, T. (Lecturer)
2 Sep 2014
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Early Maximum-Likelihood Estimation as a model of audiovisual integration of speech
Andersen, T. (Lecturer)
11 Jun 2014
Activity: Talks and presentations › Conference presentations

Lecture
Guillot, G. (Lecturer)
Apr 2014
Activity: Talks and presentations › Conference presentations

Seminar of the Department of Biology
Guillot, G. (Participant)
Apr 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

17th International Conference on Artificial Intelligence and Statistics
Hansen, S. T. (Participant)
22 Apr 2014 → 25 Apr 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Computational Models of Attention and Perception
Andersen, T. (Lecturer)
28 Jan 2014
Activity: Talks and presentations › Conference presentations

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: 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