Publications:

Frontal Brain Asymmetry and Willingness to Pay
Publication: Research - peer-review › Journal article – Annual report year: 2018

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

Smartphones as pocketable labs: Visions for mobile brain imaging and neurofeedback
Publication: Research - peer-review › Journal article – Annual report year: 2013

The Smartphone Brain Scanner: A Portable Real-Time Neuroimaging System
Publication: Research - peer-review › 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 Neural Marker of Perceptual Consciousness in Infants
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

How about a Bayesian M/EEG imaging method correcting for incomplete spatio-temporal priors
Publication: Research - peer-review › Conference abstract in journal – 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

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

A Cross-Platform Smartphone Brain Scanner
Publication: Research - peer-review › Paper – Annual report year: 2012

An Evaluation of EEG Scanner's Dependence on the Imaging Technique, Forward Model Computation Method, and Array Dimensionality
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Functional Brain Imaging by EEG: A Window to the Human Mind
Publication: Research › Ph.D. thesis – Annual report year: 2012

Get Mobile – The Smartphone Brain Scanner
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012
Probabilistic M/EEG source imaging from sparse spatio-temporal event structure
Publication: Research - peer-review › Paper – Annual report year: 2012

Task-specific modulation of effective connectivity during two simple unimanual motor tasks: A 122-channel EEG study
Publication: Research - peer-review › Journal article – Annual report year: 2012

Training your brain on a tablet
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

A Smartphone Interface for a Wireless EEG Headset with Real-Time 3D Reconstruction
Publication: Research - peer-review › Journal article – Annual report year: 2011

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

Simultaneous EEG Source and Forward Model Reconstruction (SOFOMORE) using a Hierarchical Bayesian Approach
Publication: Research - peer-review › Journal article – Annual report year: 2010

Smartphones Get Emotional: Mind Reading Images and Reconstructing the Neural Sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Task-dependent modulation of oscillatory neural activity during movements: Abstract
Publication: Research - peer-review › Conference article – Annual report year: 2011

Probabilistic Algorithm for Electromagnetic Brain Imaging with Spatio-Temporal and Forward Model Priors
Publication: Research - peer-review › Report – Annual report year: 2010

Sparse Spatio-temporal Inference of Electromagnetic Brain Sources
Publication: Research - peer-review › Conference article – Annual report year: 2010

Evaluation of the influence of uncertain forward models on the EEG source reconstruction problem
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2009

Hierarchical Bayesian Model for Simultaneous EEG Source and Forward Model Reconstruction (SOFOMORE)
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

SOFOMORE: Combined EEG source and forward model reconstruction
Publication: Research › Article in proceedings – Annual report year: 2009

Projects:

Præcis og hurtig neurofeedback med billeddannelse EEG
Project: PhD

Probabilistic Methods for Biomedical Signals
Project: PhD