Hampus Hjelm Andersson

CONTACT INFORMATION	Gärdesgatan 13, 33533 , Gnosjö, Sweden	+46-(0)708282487 +46-(0)370-99663 hampusha@hotmail.com

RESEARCH INTERESTS

- Computational Mathematics: Convolutional neural networks in image processing, Feed-forward and Recurrent Networks, Stochastic Networks,Computing with regards to Plasticity and Learning.
- Neuroscience: Functional brain imaging, emotion regulation and vulnerability to stress, well-being due to contemplative practices (meditation), changes in plasticity due to contemplative practices, neural basis of contemplative practices.

EDUCATION

Linköping University, Linköping

Individula Coursers in Neuroscience and Machine learning   2015-2016

- Coursera Data Science Specialization:Data Scientist's toolbox, R programming, Getting and Cleaning data, Exploratory Data Analysis,Reproducible Research, Statistical Inference, Regresson Models, Practical Machine Learning.
- NeuroScience Courses:Cognition and emotion, Object-oriented programming java, Language technology systems, Cognitive modelling.

M.S., Mathematics,   Jun 2014

- Topic: *Properties Of The Product Of Countably Many Real Lines In The Box Topology*
- Advisor: Vitalij Tjatyrko , D.Sc.

B.S., Mathematics ,   Jun 2010

- Topic: *Classification Of Second Order Symmetric Tensors In The Lorentz Metric*
- Advisor: Göran Bergqvist , Ph.D

LIFE EXPERIENCE

Traveling and visiting meditation retreats

◇ Meditation center **Dhamma sobhana** , Ödeshög	Autumn 2012,2017
◇ Meditation center **Thusita** in Dharamsala, India	Spring 2013
◇ Visiting Dalia lama residence in Dharamsala ,India	Spring 2013
◇ Visiting **Deer park** meditation center , India	Spring 2013
◇ Meditation center **Suan mokkh**, Thailand	Spring 2014
◇ Meditation center **Wat ram poeng**, Thailand	Spring 2014
◇ **Wat kow tham** meditation center, Thailand	Spring 2014
◇ **Amaravati Buddhist Monestary** , England	Spring 2014 & 2018

TEACHING EXPERIENCE

Maple Teaching Assistant TATA43 - Calculus in several variables Instructor: Lars Alexandersson Department of Mathematics, Linköping University	Spring 2011
Teaching Assistant TATM79 - Foundation Course in Mathematics Instructor: Göran Forsling Department of Mathematics, Linköping University	Autumns 2009–10

References   Göran Bergqvist

    Professor of Applied Mathematics   Phone: +46 - 13 - 28 40 64

    Department of Mathematics   E-mail:gober@mai.liu.se

    Linköping University

    Vitalij Tjatyrko

    Associate Professor   Phone: +46 - 13 - 28 28 56

    Department of Mathematics   E-mail: vitja@mai.liu.se

    Linköping University

    Ulf Janfalk

    Senior lecturer   Phone: +46 - 13 - 28 23 74

    Department of Mathematics   E-mail: uljan@mai.liu.se

    Linköping University

Software Skills   Computer Programming:

- R, Python, Tensorflow, Matlab, Maple, LaTeX, C++, basic unix