

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

M.S., Mathematics, Jun 2014

- Topic: *Properties Of The Product Of Countably Many Real Lines In The Box Topology*
- Advisor: Vitalij Tjatyрко , 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 Spring 2011

TATA43 - Calculus in several variables

Instructor: Lars Alexandersson

Department of Mathematics,

Linköping University

Teaching Assistant Autumns 2009–10

TATM79 - Foundation Course in Mathematics

Instructor: Göran Forsling

Department of Mathematics,

Linköping University

REFERENCES

Göran Bergqvist

Professor of Applied Mathematics
Department of Mathematics
Linköping University

Phone: +46 - 13 - 28 40 64
E-mail: gober@mai.liu.se

Vitalij Tjatyрко

Associate Professor
Department of Mathematics
Linköping University

Phone: +46 - 13 - 28 28 56
E-mail: vitja@mai.liu.se

Ulf Janfalk

Senior lecturer
Department of Mathematics
Linköping University

Phone: +46 - 13 - 28 23 74
E-mail: uljan@mai.liu.se

SOFTWARE SKILLS Computer Programming:

- R, Python, Tensorflow, MATLAB, Maple, L^AT_EX, C++, basic unix