

Date	Topic	Lecturer
07.04.2016	Themenvergabe	KEINER
14.04.2016	FREI	KEINER
21.04.2016	A Growing Neural Gas Network Learns Topologies	Venkata Sravan
	A Practical Guide to Training Restricted Boltzmann Machines	Sai Kishore Vasamsetty
	Back-Propagation Algorithm Which Varies the Number of Hidden Units	Harish Kumar Pakala
28.04.2016	Convolutional Deep Belief Networks for Scalable Unsupervised Learning of Hiera	
	Understanding the difficulty of training deep feedforward neural networks	
05.05.2016	FREE	NONE
	FREE	NONE
	FREE	NONE
12.05.2016	Network of Spiking Neurons: The Third Generation of Neural Network Models	Venkata Sravan
	Playing Atari with Deep Reinforcement Learning	Anke Friederici
	Neural Networks for Classification: A survey	Viet Hai Nguyen
19.05.2016	Greedy Layer-Wise Training of Deep Networks	
	Learning Recurrent Neural Networks with Hessian-Free Optimization	
	A Neural Algorithm of Artistic Style	
26.05.2016	ImageNet Classification with Deep Convolutional Neural Networks	William Beluch
	Visualizing Deep Convolutional Neural Networks Using Natural Pre-Images	David Magnus Henriques
	A review of classification algorithms for EEG-based brain-computer interfaces	Christoph Müller
02.06.2016	Recurrent Models of Visual Attention	Sebastian Heerwald
09.06.2016	Very Deep Convolutional Networks for Large-Scale Image Recognition	Frederick Sander
	Teaching Deep Convolutional Neural Networks to Play Go	Jannick Knechtel
	Solving Verbal Comprehension Questions in IQ Test by Knowledge-Powered Wor	Alexander Schmidt
16.06.2016	Classification of EEG signals from four subjects during five mental tasks	Harish Kumar Pakala
	Large Scale Distributed Deep Networks	William Beluch
	Mastering the game of Go with deep neural networks and tree search	David Magnus Henriques
23.06.2016	Deep learning with COTS HPC systems	Lars-Christian Schulz
	A million spiking neuron integrated circuit with a scalable communication netwo	Sai Kishore Vasamsetty
	cuDNN: Efficient Primitives for Deep Learning	Anke Friederici
30.06.2016	QUESTION ANSWERING	
	QUESTION ANSWERING	
07.07.2016	FINAL SUBMISSION DEADLINE	

20 Minutes Presentation  
+ 10 Minutes Discussion

Vorname Nachname

Harish Kumar Pakala

Harish Kumar Pakala

Christoph Müller

Viet Hai Nguyen

Venkata Sravan

Venkata Sravan

Sai Kishore Vasamsetty

Sai Kishore Vasamsetty

Anke Friederici

Anke Friederici

Alexander Schmidt

Sebastian Heerwald

Jannick Knechtel

David Magnus Henriques

David Magnus Henriques

Frederick Sander

Lars-Christian Schulz

William Beluch

William Beluch

Category	Lang.	Name of the Paper
A		Back-Propagation Algorithm Which Varies the Number of Hidden Units
C		Classification of EEG signals from four subjects during five mental tasks
B	de	A review of classification algorithms for EEG-based brain-computer interfaces
A	?	Neural Networks for Classification: A survey
		Convolutional Deep Belief Networks for Scalable Unsupervised Learning of Hierarchical Representations
		Greedy Layer-Wise Training of Deep Networks
A		A Growing Neural Gas Network Learns Topologies
A		Network of Spiking Neurons: The Third Generation of Neural Network Models
A		A Practical Guide to Training Restricted Boltzmann Machines
E		A million spiking neuron integrated circuit with a scalable communication network and interface
		Understanding the difficulty of training deep feedforward neural networks
		Learning Recurrent Neural Networks with Hessian-Free Optimization
D		Playing Atari with Deep Reinforcement Learning
E		cuDNN: Efficient Primitives for Deep Learning
C	de	Solving Verbal Comprehension Questions in IQ Test by Knowledge-Powered Word Embedding
		Deep content-based music recommendation
C	de	Recurrent Models of Visual Attention
D	de	Teaching Deep Convolutional Neural Networks to Play Go
D		Evolving Neural Networks through Augmenting Topologies
C		Mastering the game of Go with deep neural networks and tree search
D		Visualizing Deep Convolutional Neural Networks Using Natural Pre-Images
E		Very Deep Convolutional Networks for Large-Scale Image Recognition
C		Deep learning with COTS HPC systems
D		ImageNet Classification with Deep Convolutional Neural Networks
		Large Scale Distributed Deep Networks
		Deep Feature Learning for EEG Recordings
		Using Self-organizing Map for Mental Tasks Classification in Brain Computer Interface
		Long Short-Term Memory
		Deep Visual-Semantic Alignments for Generating Image Descriptions
		A Neural Algorithm of Artistic Style