

# 22nd Vienna Deep Learning Meetup



12th November 2018 @ FH Technikum Wien



# Vienna Deep Learning Meetup



## The Organizers:



Alex Schindler  
AIT & TU Wien



René Donner  
contextflow



Thomas Lidy  
Musimap



Jan Schlüter  
OFAI & UTLN

# Vienna Deep Learning Meetup



## Agenda:

- Welcome
- Introduction: **Alexander Mense**, Head of Faculty of Informatics, FH Technikum Wien
- **“Deep Learning for Object Detection in Video Surveillance Applications”**  
Michelangelo Fiore, Computer Vision Developer & Florian Matusek, CCO, KiwiSecurity
- <break 30 min>
- **“Austrian AI strategy paper”** - Stephanie Cox, Austrian parliamentarian (Liste Pilz)
- **Panel: “AI in the government and how can we have an influence”**
- Networking and Discussions

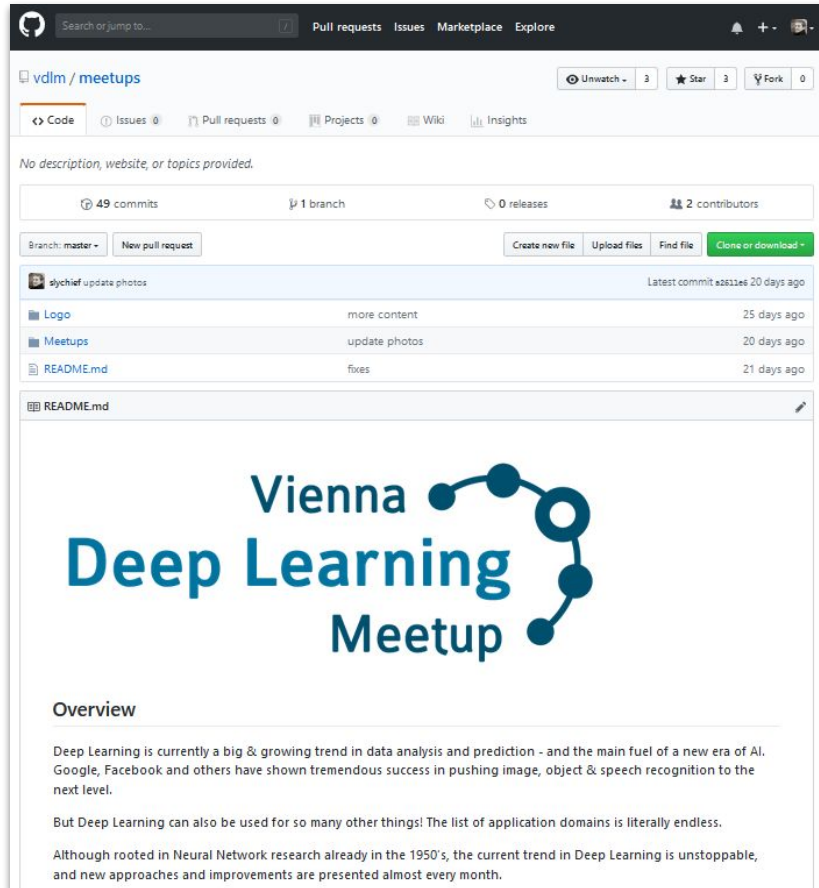
# Announcements

# VDLM on Github

- history
- slides
- videos
- Wiki

Meetups						
#	Date	Place	Topic	Link	Video	Meetup.com
1	2016-04-07	Sector 5	intro	<a href="#">more</a>		<a href="#">link</a>
2	2016-05-09	Sector 5		<a href="#">more</a>		<a href="#">link</a>
3	2016-06-06	Sector 5		<a href="#">more</a>		<a href="#">link</a>
4	2016-07-07	TU Wien		<a href="#">more</a>		<a href="#">link</a>
5	2016-09-22	Automatic Software GmbH		<a href="#">more</a>		<a href="#">link</a>
6	2016-10-12	Sector 5		<a href="#">more</a>		<a href="#">link</a>
7	2016-12-01	Agentur Virtual Identity		<a href="#">more</a>		<a href="#">link</a>
8	2017-01-17	TU Wien Informatik		<a href="#">more</a>		<a href="#">link</a>
9	2017-02-21	bwin.party services (Austria) GmbH		<a href="#">more</a>		<a href="#">link</a>

Talks				
Date	MU#	Speaker	Topic	Slides
2016-04-07	1	Thomas Lidy	An overview presentation of Deep Learning	<a href="#">pdf</a>
2016-04-07	1	Jan Schlüter	History, Approaches, Applications	<a href="#">pdf</a>
2016-05-09	2	Alex Champandard	Neural Networks for Image Synthesis	
2016-05-09	2	Gregor Mitscha-Baude	Recurrent Neural Networks	<a href="#">pdf</a>
2016-06-06	3	Jan Schlüter	Open-source Deep Learning with Theano and Lasagne	<a href="#">pdf</a>
2016-09-22	5	Josef Puchinger	Deep Learning & The Future of Automation	
2016-09-22	5	Christoph Körner	Going Deeper with GoogleNet and CaffeJS	<a href="#">pdf</a>



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No description, website, or topics provided.

49 commits 1 branch 0 releases 2 contributors

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slychief update photos Latest commit a2611e6 20 days ago

Logo more content 25 days ago

Meetups update photos 20 days ago

README.md fixes 21 days ago

README.md

## Vienna Deep Learning Meetup

### Overview

Deep Learning is currently a big & growing trend in data analysis and prediction - and the main fuel of a new era of AI. Google, Facebook and others have shown tremendous success in pushing image, object & speech recognition to the next level.

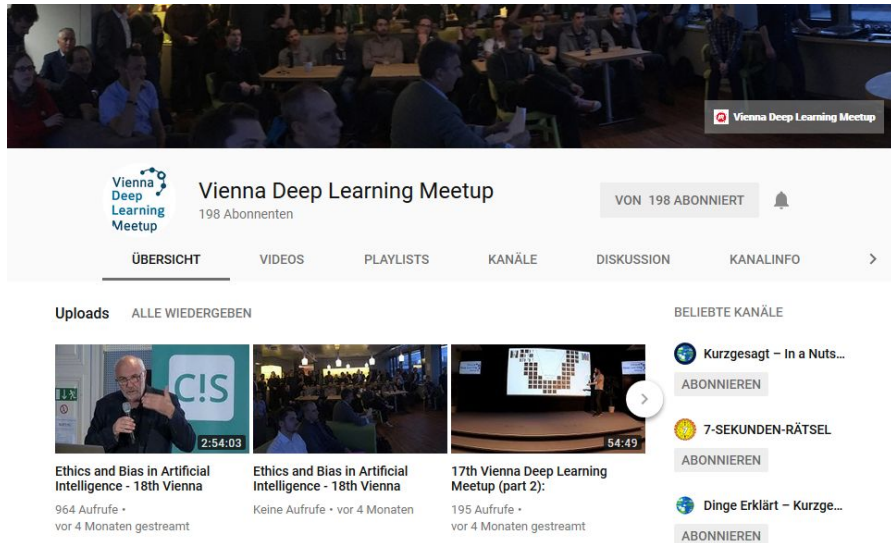
But Deep Learning can also be used for so many other things! The list of application domains is literally endless.

Although rooted in Neural Network research already in the 1950's, the current trend in Deep Learning is unstoppable, and new approaches and improvements are presented almost every month.

<https://github.com/vdlm/meetups>



# VDLM Youtube Channel



The screenshot shows the YouTube channel page for Vienna Deep Learning Meetup. At the top is a banner image of an audience at a meetup. Below the banner is the channel name 'Vienna Deep Learning Meetup' with a logo and '198 Abonnenten'. To the right, it says 'VON 198 ABONNIERT' with a bell icon. Below this is a navigation bar with tabs: 'ÜBERSICHT' (selected), 'VIDEOS', 'PLAYLISTS', 'KANÄLE', 'DISKUSSION', and 'KANALINFO'. The main content area is divided into two sections: 'Uploads' and 'BELIEBTE KANÄLE'. The 'Uploads' section shows three video thumbnails: 'Ethics and Bias in Artificial Intelligence - 18th Vienna' (2:54:03, 964 Aufrufe), 'Ethics and Bias in Artificial Intelligence - 18th Vienna' (Keine Aufrufe), and '17th Vienna Deep Learning Meetup (part 2):' (54:49, 195 Aufrufe). The 'BELIEBTE KANÄLE' section shows three channel recommendations: 'Kurzgesagt – In a Nuts...', '7-SEKUNDEN-RÄTSEL', and 'Dinge Erklärt – Kurze...'.

Vienna Deep Learning Meetup  
198 Abonnenten

VON 198 ABONNIERT

ÜBERSICHT VIDEOS PLAYLISTS KANÄLE DISKUSSION KANALINFO

Uploads ALLE WIEDERGEHEN

BELIEBTE KANÄLE

**Ethics and Bias in Artificial Intelligence - 18th Vienna**  
2:54:03  
964 Aufrufe • vor 4 Monaten gestreamt

**Ethics and Bias in Artificial Intelligence - 18th Vienna**  
Keine Aufrufe • vor 4 Monaten

**17th Vienna Deep Learning Meetup (part 2):**  
54:49  
195 Aufrufe • vor 4 Monaten gestreamt

**Kurzgesagt – In a Nuts...**  
ABONNIEREN

**7-SEKUNDEN-RÄTSEL**  
ABONNIEREN

**Dinge Erklärt – Kurze...**  
ABONNIEREN

<https://www.youtube.com/ViennaDeepLearningMeetup>

# VDLM T-Shirts

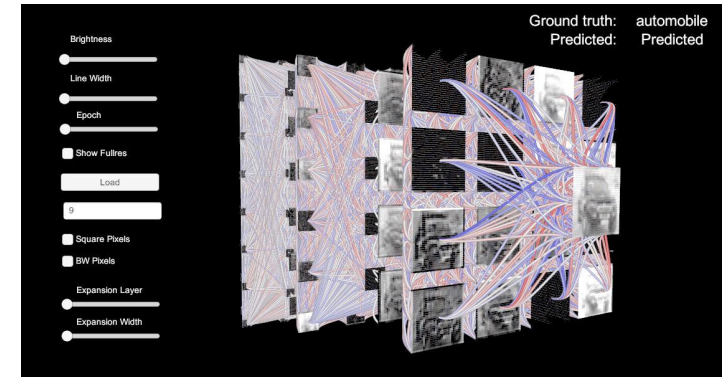
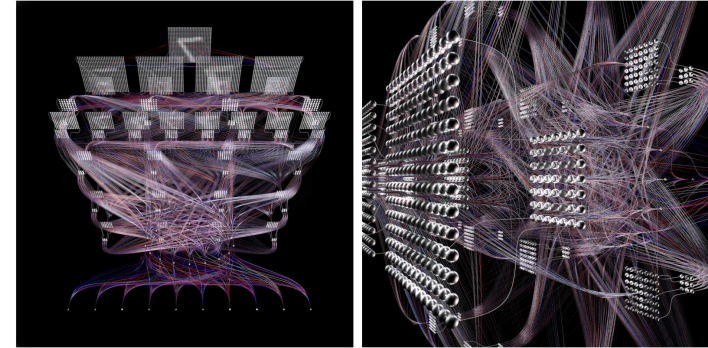
anexia

THE RIPPLE



# CNN Renderings by Stefan Sietzen

- show weights and activations from MNIST-trained image classification CNN
- high quality alu-dibond-acryl prints
- must-have decoration for your AI-company ;-)
- based on this real-time visualization tool →
- more information: [visuality.at/vis2](https://vis2.visuality.at/)





# Panel: AI in the government and how we can have an influence



Thomas Lidy  
Moderation



Florian Matussek  
Kiwi Security



Stephanie Cox  
Liste Pilz

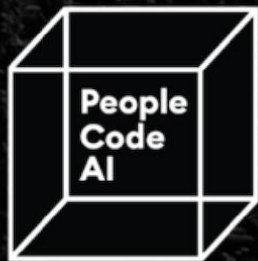


Allan Hanbury  
TU Wien /  
DataMarket Austria /  
contextflow



Clemens Wasner  
enlite.ai

**NEXT**



# WeAreDevelopers AI Congress Vienna



4-5 December, 2018



Hofburg Vienna, Austria

# WeAreDevelopers AI Congress Vienna



## About the Congress

The Congress will focus on human-machine interactions and will bring together two sides: The academy and the industry. We will try to answer questions such as: Can we trust computer decisions? How to deal with decisions bias? How can we improve the user experience for machine learning software? And many, many more.

The Congress revolves around the interaction between wo/man and machines. From trusting and rationalizing the black box, to improving the interface through which we communicate with the models.

4,000m<sup>2</sup>  
of AI fun

## Main Topics

- ⦿ Machine vs Human – Trusting Computers' Decisions
- ⦿ Blockchain: Decentralized Artificial Intelligence
- ⦿ Deep Learning – Demystifying the Black Box
- ⦿ GDPR and Privacy In the Era of Big Data
- ⦿ The Future of AI for Personal Usage
- ⦿ Security and Safety in AI
- ⦿ Ethical Challenges of AI

# SEE YOU SOON!



Students: 50 EUR Discount

Other: 199 EUR Ticket

**Vienna\_DLM\_AI\_18**

**MEETUP-199**

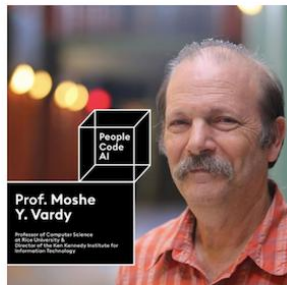
GET YOUR TICKETS NOW!

[www.wearedevelopers.com/ai-congress](http://www.wearedevelopers.com/ai-congress)

# Confirmed Speakers for AI Congress 2018



"BIAS IN NLP"



"AN ETHICAL CRISIS IN  
COMPUTING?"



TOPIC  
TBA



TOPIC  
TBA



"HOW WE DEMOCRATIZED  
ARTIFICIAL INTELLIGENCE  
WITH ACUMOS AI"



TOPIC  
TBA

# Vienna **Deep Learning** Meetup



Next DL Meetup in January 2019