

Anna Kukleva

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Github : <https://github.com/Annusha>

EDUCATION

Universität des Saarlandes, Germany
Doctor of Philosophy

Bonn University, Germany
M.Sc. in Computer Science, GPA: 1.1/1.0 (Distinction)
Thesis: Learning Interactions and Relationships between Movie Characters [6]
January, 2020

Lomonosov Moscow State University, Russia
B.Sc. in Computer Science, GPA: 4.3/5.0
Thesis: Abandoned Objects Detection in Video Sequences [9]
June 2017

Lyceum "Second school", Russia
High school, GPA: 4.9/5.0
June 2013

EXPERIENCE

MPII: PhD Student February 2020 - Now
Saarbrücken, Germany
Topic: Video Understanding, Few-Shot Learning.
Supervisor: Bernt Schiele

Meta (Facebook): Research Intern Sep 2021 - Dec 2021
virtual
Topic: Single Object Tracking
Manager: Heng Wang, Du Tran

Inria (Willow team): Research Intern May 2019 - Nov 2019
Paris, France
Master thesis project [6]. Exploiting multimodalities (video and text) for interactions and relationships recognition in movies. Supervised by Makarand Tapaswi and Ivan Laptev

Uni Bonn: Research Assistant in CV lab Apr 2018 - Apr 2019
Bonn, Germany

- Project on unsupervised action recognition with continuous temporal embedding, supervised by Hilde Kuehne and Juergen Gall, led to publication [8]
- Helping with conducting experiments, e.g. implementation of the input layer for Caffe framework in c++/python
- Transferring project from c++ to python for easiest reproducibility

Itelma: Software Engineering Intern June 2017 - Oct 2017
Moscow, Russia
Traffic sign recognition using neural networks. Deep learning for embedded systems.

PUBLICATIONS

- [1] Lin W., **Kukleva A.**, Sun K., Possegger H., Kuehne H., Bischof H. "CycDA: Un-supervised Cycle Domain Adaptation from Image to Video", arXiv 2022
- [2] Fan Y., Dai D., **Kukleva A.**, Schiele B. "CoSSL: Co-Learning of Representation and Classifier for Imbalanced Semi-Supervised Learning", CVPR 2022
- [3] Fan Y., **Kukleva A.**, Schiele B. "Revisiting Consistency Regularization for Semi-Supervised Learning", GCPR 2021
- [4] **Kukleva A.**, Kuehne H., Schiele B. "Generalized and Incremental Few-Shot Learning by Explicit Learning and Calibration without Forgetting", ICCV 2021

- [5] VidalMata R. G., Scheirer W. J., **Kukleva A.**, Cox D., Kuehne H. "Joint visual-temporal embedding for unsupervised learning of actions in untrimmed sequences", WACV 2021
- [6] **Kukleva A.**, Tapaswi M. and Laptev I. "Learning Interactions and Relationships between Movie Characters", CVPR 2020 (Oral)
- [7] **Kukleva A.***, Khan A.*, Farazi H. and Behnke S. "Utilizing Temporal Information in Deep Convolutional Network for Efficient Soccer Ball Detection and Tracking", RoboCup 2019 (Oral)
- [8] **Kukleva A.***, Kuehne H.*, Sener F. and Gall J. "Unsupervised learning of action classes with continuous temporal embedding", CVPR 2019
- [9] **Kukleva A.**, Konushin V. and Konushin A. "Abandoned Objects Detection in Video Sequences", GraphiCon 2017 (Oral)

ADDITIONAL ACTIVITIES

Computer Vision Talks

YouTube Jan 2022

Talk: "Generalized and Incremental Few-Shot Learning by Explicit Learning and Calibration without Forgetting"

Grace-Hopper-Award

Bonn University July 2021

Master Thesis Award

6th Christmas Colloquium on Computer Vision 2020

Dec 2020

Virtual by Samsung AI Center Moscow

Talk: "Learning interactions and relationships between Movie Characters"

DLCV Practioner's Evening

Virtual Aug 2020

Talk: "Learning interactions and relationships between Movie Characters"

Coorganizing the WiCV workshop in conjunction with ECCV 2020

Glasgow, UK

Visit of CMU (Abhinav Gupta's group)

Pittsburgh, USA Jan 2020

Talk: "Video Understanding"

WILLOW-ENPC-Berkeley Workshop on Vision and Robotics

Nov 2019

Paris, France

Talk: "Learning Interactions and Relationships between Movie Characters"

BMVA symposium on Video Understanding

Sep 2019

London, UK

Poster: Kukleva A.*, Kuehne H.*, Sener F. and Gall J. "Unsupervised learning of action classes with continuous temporal embedding"

Workshop Women in Computer Vision (WiCV 2019)

June 2019

Long Beach, USA

Travel Grant receiver.

Poster: Kukleva A.*, Kuehne H.*, Sener F. and Gall J. "Unsupervised learning of action classes with continuous temporal embedding"

TEACHING

Probabilistic Graphical Models, WS2020

Enea Duka: master thesis "Learn and Transfer from Unintentional Actions to Anomalous Videos"

Skender Paturri: master thesis "Spatio-Temporal Action Detection"

ACADEMIC SERVICE TECHNICAL SKILLS

reviewer: CVPR21-22, ICCV21,, ECCV22, PAMI, IJCV, WACV21-22, TMM, ACM MM21

Python, C++, C, bash, L^AT_EX, OpenCV, PyTorch, TensorFlow, Numpy, Scipy, Matplotlib, Caffe, PyQt/Qt, OpenGL