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): Reasearch 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: Unsupervised 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	**Compuer 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	reviewer: CVPR21-22, ICCV21,, ECCV22, PAMI, IJCV, WACV21-22, TMM, ACMMM21
TECHNICAL SKILLS	Python, C++, C, bash, LaTeX, OpenCV, PyTorch, TensorFlow, Numpy, Scipy, Matplotlib, Caffe, PyQt/Qt, OpenGL