

Anna Kukleva

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Personal: <https://annusha.github.io/>

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 [12]

Receiver of Grace-Hopper-Award (Master Thesis Award), Uni Bonn

January, 2020

Lomonosov Moscow State University, Russia

B.Sc. in Computer Science, GPA: 4.3/5.0

Thesis: Abandoned Objects Detection in Video Sequences [15]

June 2017

EXPERIENCE

MPII: PhD Student

February 2020 - Now

Saarbrücken, Germany

Topic: Video Understanding, Few-Shot Learning.

Supervisor: Bernt Schiele

Meta: Research Intern

May 2023 - Oct 2023

Zuerich, Switzerland

Topic: Egocentric Action Recognition

Manager: Fadime Sener

**Meta (Facebook): Research Intern
virtual**

Sep 2021 - Dec 2021

Topic: Single Object Tracking

Manager: Heng Wang, Du Tran

Inria (Willow team): Research Intern

May 2019 - Nov 2019

Paris, France

Master thesis project [12]. 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 [14]

PUBLICATIONS

[1] Shvetsova N.*, **Kukleva A.***, Hong X., Rupprecht C., Schiele B., Kuehne H. "HowToCaption: Prompting LLMs to Transform Video Annotations at Scale", arXiv preprint arXiv:2310.04900, 2023

[2] Shvetsova N.*, **Kukleva A.***, Schiele B., Kuehne H. "In-Style: Bridging Text and Uncurated Videos with Style Transfer for Text-Video Retrieval", ICCV 2023

[3] Fan Y., **Kukleva A.**, Dai D., Schiele B. "TSSB: Simple but Strong Baseline for Boosting Performance of Open-Set Semi-Supervised Learning", ICCV 2023

[4] Shvetsova N., Petersen F., **Kukleva A.**, Schiele B., Kuehne H. "Learning by Sorting: Self-supervised Learning with Group Ordering Constraints", ICCV 2023

[5] **Kukleva A.***, Boehle M.*, Schiele B., Kuehne H., Rupprecht C. "Temperature Schedules for self-supervised contrastive methods on long-tail data", ICLR 2023

[6] Duka E.*, **Kukleva A.***, Schiele B. "Leveraging Self-Supervised Training for Unintentional Action Recognition", ECCVW 2022

- [7] Lin W., **Kukleva A.**, Sun K., Possegger H., Kuehne H., Bischof H. "CycDA: Un-supervised Cycle Domain Adaptation from Image to Video", ECCV 2022
- [8] Fan Y., Dai D., **Kukleva A.**, Schiele B. "CoSSL: Co-Learning of Representation and Classifier for Imbalanced Semi-Supervised Learning", CVPR 2022
- [9] Fan Y., **Kukleva A.**, Schiele B. "Revisiting Consistency Regularization for Semi-Supervised Learning", GCPR 2021
- [10] **Kukleva A.**, Kuehne H., Schiele B. "Generalized and Incremental Few-Shot Learning by Explicit Learning and Calibration without Forgetting", ICCV 2021
- [11] 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
- [12] **Kukleva A.**, Tapaswi M. and Laptev I. "Learning Interactions and Relationships between Movie Characters", CVPR 2020 (Oral)
- [13] **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)
- [14] **Kukleva A.***, Kuehne H.*, Sener F. and Gall J. "Unsupervised learning of action classes with continuous temporal embedding", CVPR 2019
- [15] **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"

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"

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: CVPR21-23, ICCV21-23, ECCV22, PAMI, IJCV, WACV21-22, TMM, ACMMM21, AISTAT23, NeurIPS23

Top Reviewer: AISTAT23, NeurIPS23

Area Chair: WACV 2024