## Curriculum Vitae

# Yuki M. Asano

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Google Scholar ($h$-index 26, citations $\geq$4300)

### Research interests

computer vision, self-supervised learning, vision-language models, large model adaptation methods, LLMs

### Professional Experience

**University of Technology Nuremberg:** Full Professor, Head of Fundamental AI Lab — Since Oct. 2024

- Teaching for MSc in AI & Robotics: Multimodal Foundation Models, Machine Learning
- University Doctoral Student Selection Committee, Election Committee, ELLIS coordinator

**University of Amsterdam:** Assistant Professor — Oct. 2021- Oct. 2024

- Head of Qualcomm-UvA Lab
- Teaching for MSc in AI: Deep Learning 1 & Vision-Language Learning courses

**Qualcomm AI:** External Machine Learning Consultant — Since May 2023

**Facebook AI Research:** Intern & Contractor; Host: A. Joulin — Jun. 2020 – Feb. 2021

**TransferWise:** Machine Learning Intern & Contractor — Mar 2017 – Jan. 2019

**Rakuten:** Cloud Infrastructure Engineering Intern — Aug. 2015 – Sep. 2015

**Siemens Technology Accelerator:** Working student — Apr. 2015 – Aug. 2015

**180 Degrees Consulting Munich e.V.:** President & Founder of NGO — Dec. 2016 – Jun. 2017

**SOS Children's villages International:** Project lead — Mar 2017 – Jun. 2017

**McKinsey & Company:** Fellow Intern — Apr. 2015 – Aug. 2015

### Education

**University of Oxford** — Oxford, UK

*DPhil in Autonomous Intelligent Machines and Systems @ Visual Geometry Group (VGG)* — *Oct. 2017 – Sep. 2021*

- Supervisor: Andrea Vedaldi; Examiners: Philip Torr, Phillip Isola
- Result: *'no corrections'* (highest award possible)

**University of Oxford** — Oxford, UK

*MSc Mathematical Modelling and Scientific Computing* (overall: Pass, thesis: Distinction) — *Oct. 2015 – Sep. 2016*

- Thesis research at the Institute for New Economic Thinking

**University of Hagen** — Hagen, Germany

*BSc Business Administration and Economics* (overall: 1.4, GPA = 3.6/4) — *Oct. 2012 – Aug. 2017*

- Thesis research at the Potsdam Institute for Climate Impact Research

**Ludwig Maximilian University of Munich** — Munich, Germany

*BSc. Physics* (overall: 1.2, GPA = 3.8/4) — *Oct. 2011 – Sep. 2014*

- Exchange at the University of Tokyo (Oct. 2013 – Mar. 2014)

## Teaching

**10/2025: Multimodal Foundation Models** (MSc in AI & Robotics, 6 ECTS)
23 students, ongoing, active learning format including group works
**10/2025: Machine Learning** (MSc in AI & Robotics, 6 ECTS)
43 students, ongoing, active learning format including group works
**10/2025: AI in Contexts** (MSc in AI & Robotics, 6 ECTS)
32 students, ongoing, active learning format including group works
**10/2024: Multimodal Foundation Models** (MSc in AI & Robotics, 6 ECTS)
10 students, active learning format including group works
**11/2023: Deep Learning 1** (MSc in AI, 6 ECTS, https://uvadlc.github.io/)
220 students, Overall student feedback: 88.1% "(very) satisfied"; score: $4.4 \pm 0.9$ out of 5
**04/2023: Self-supervised and Vision-Language Learning** (MSc in AI, 2 ECTS, https://uvadl2c.github.io/)
80 students, Overall student feedback: 87.0% (very) satisfied; score: $4.3 \pm 0.8$ out of 5
**11/2022: Deep Learning 1** (MSc in AI, 6 ECTS, https://uvadlc.github.io/)
200 students, Overall student feedback: 92.1% "(very) satisfied"; score: $4.5 \pm 0.7$ out of 5

**Teaching Assistant / Practicals**
10/19 – 01/21, Deep Learning and Machine Vision for AIMS cohort 2019, 2020 (Andrew Zisserman, Andrea Vedaldi)
01/20 – 01/20, Multiple View Geometry (Victor Adrian Prisacariu, Andrew Zisserman)
01/20 – 03/20, Design and Analysis of Algorithms (Daniel Kroening)
10/19 – 12/19, Machine Learning at CS Dept. (Phil Blunsom, Ani Calinescu)
01/18 – 03/18, Mathematics and Data Science for Development (Neave O'Cleary)
**Other Tutorials**
01/2019 Introduction to (Deep) NLP at the Oxford Institute for New Economic Thinking
07/2018 Introduction to Machine Learning at Santa Fe Institute Complex Systems Summer School
07/2018 Introduction to CNNs and RNNs at Santa Fe Institute Complex Systems Summer School

## Supervision

ongoing (PostDoc):
*University of Technology Nuremberg*
Ryousuke Yamada
ongoing (PhD):
*University of Technology Nuremberg*
PhD, Jona Ruthardt with A. Joulin
PhD, Dawid Kopiczko with T. Blankevoort
PhD, Valentinos Pariza
PhD, Lukas Knobel with A. Zisserman
*University of Amsterdam*
PhD, Danilo de Goede with C. Snoek
PhD, Laurens Samson with S. Ghebreab
PhD, Michael Dorkenwald with C. Snoek
PhD, Mohammadreza Salehidehnavi with C. Snoek and E. Gavves
PhD, Pengwan Yang with C. Snoek
PhD, Winfried van den Dool with M. Welling
PhD, Rob Romijnders with M. Welling
PhD, Ivona Najdenkoska with M. Worring
2025:
PhD, Phillip Lippe with E. Gavves, T. Cohen, S. Magliacane (cum laude [highest award possible])
MSc thesis, Max Belitsky
MSc thesis, Ioana Simion [ICCV'25 paper]
MSc thesis, Matteo Nulli
MSc thesis Leo Kraft
MSc thesis Suman Navaratnarajah
2024:
MSc thesis, Jona Ruthardt
MSc thesis, Dawid Kopiczko [ICLR'24 paper]
MSc thesis, Dheeraj Varghese
MSc thesis, Gabriele Desimini
MSc thesis, Gergely Papp

MSc thesis, Nimi Barazani [CVPR'24 paper]
MSc thesis, Ioanna Gogou
MSc thesis, Ryan Amaudruz
MSc thesis, Valentinos Pariza [ICLR'25 paper]
MSc thesis, Joost van Dalen [IEEE GSRS Letters paper]
MSc thesis, Walter Simoncini [NeurIPS'24 paper]
MSc project, Marga Don [ECCV'24 workshop paper]

2023:
MSc thesis, Lukas Knobel [CVPR'24 paper]
MSc thesis, Apostolos Panagiotopoulos [GCPR'24 paper]
MSc thesis, Alfonso Taboada [GCPR'24 oral paper]
MSc thesis, Luc Weytingh [Rotterdam Nieuwe Instituut Art Exhibition]
MSc thesis, Kaya ter Burg
MSc thesis, Sunny Soni [CVPR'24 workshop paper]

2022:
MSc thesis, Jochem Loedeman [BMVC'24 paper & Best Poster Award]
MSc thesis, Anton Kozackov
BSc thesis, Anne van der Weijden
BSc thesis, Philip de Wolf
OxAI interdisciplinary team on de-biasing in NLP [ACL'22 workshop paper]

2021:
MSc thesis, Adrian Ziegler, TUM (top-grade), [CVPR'22 paper]
OxAI interdisciplinary team on investigating bias in computer vision [ICLR'21 workshop paper]
OxAI interdisciplinary team on investigating hateful memes [ACL'21 workshop paper]
OxAI interdisciplinary team on investigating bias in NLP [NeurIPS'21 paper]

2020:
MSc thesis, Carlos Roberto Medina Temme, EPFL [top-grade]
OxAI interdisciplinary team working with Ada Lovelace Institute

## Awards and funding

2025 Awarded ELLIS Scholar status
Gauss AI Compute Competition winner for JUPITER GPU Grant (Co-PI)
2024 Amsterdam AI thesis award for the supervised MSc thesis of Walter Simoncini
"Best Poster Award" at BMVC'24
"Best paper honorable mention" at ICLR'24 (i.e. in the top 15 out of 7000 submissions/ 2300 papers)
2022 "Best lecture" award at VISUM summer school
2021 Awarded ELLIS membership
2x Google Academic Research Credits Program (PI, Co-PI), USD2K
2020 AWS Machine Learning Research Award (Co-PI with Christian Rupprecht and Andrea Vedaldi), USD80K
Qualcomm Innovation Fellowship Winner 2020 (PI), USD40K
2019 International Computer Vision Summer School: best team essay on assistive technology
2018 Edgell Sheppee Fund from Engineering Science Dept., Oxford
Balliol College Graduate Project Grant
2017 Full PhD funding by the Engineering and Physical Sciences Research Council, 1 successful EU applicant per year
Open Data Science Conference East Scholarship
2016 Brasenose College Annual Fund
2015 MSc bursary of the University of Oxford Mathematical Institute for best applicants
National Academic Foundation study abroad scholarship for studying at Oxford
2014 Ministry of Science in Japan scholarship, awarded to <1% of international undergraduate students
DAAD, German Academic Exchange Service scholarship for studying at the University of Tokyo
National Academic Foundation scholarship, for outstanding academic achievement, awarded to <0.4% of students
2013 Max Weber scholarship (elite network Bavaria), awarded to <1% of Bavarian students
EliteAkademie scholarship, <2% acceptance rate

## Invited Talks

**Major Keynotes:**
01/2026 [12] Northern Lights Deep Learning Conference
09/2025 [11] Embodied AI Symposium, Germany
06/2025 [10] CVPR 'Trustworthiness in Multi-Modal Open-World Intelligence' Workshop

01/2025 [9] ASCI Invited Tutorial for 'Computer Vision by Learning' graduate course
12/2024 [8] Ada Lovelace Institute of Fraunhofer Society 6-year anniversary symposium
10/2024 [7] ECCV 'Self-supervised Learning: What is Next?' Workshop
04/2024 [6] 'Synergising the Brain and Artificial Neural Networks' Workshop, Univ. Birmingham
01/2024 [5] BMVA Symposium on 'Vision and Language'
12/2023 [4] NeurIPS 'Self-supervised Learning in Theory and Practice' Workshop
10/2023 [3] ACMM 2023 MADiMa workshop
04/2022 [2] AwesomeIT conference
09/2022 [1] ELLIS 'Video Understanding' Symposium

**Research talks:**

11/2025 [45] Invited talk at DAAD (German Academic Exchange Service)
11/2025 [44] Invited talk at Netflix (M. Kalayeh)
05/2025 [43] Invited talk at Heidelberg.ai / DKFZ / NCT Heidelberg (L. Maier-Hein)
04/2025 [42] Invited talk at Singapore AI Research week at Singapore Management University
03/2025 [41] Invited talk at KU Leuven (T. Tuytelaars)
06/2024 [40] Invited talk at TNO applied AI Inspiration Session (A. Trantas)
05/2024 [39] Invited talk at NLP workshop Amsterdam (R. Fernandez)
05/2024 [38] Invited talk at Helmholtz Munich Computational Health Center (Z. Akata)
04/2024 [37] Invited talk at Apple Research (L. Zapella)
04/2024 [36] Invited talk at the National Informatics Institute of Japan (S. Satoh)
04/2024 [35] Invited talk at the Advanced Institute for Science and Technology Tokyo (H. Kataoka)
04/2024 [34] Invited talk at Innovation Center for Artificial Intelligence (ICAI)
01/2024 [33] Invited talk at the Okinawa Institute of Science and Technology Graduate University (OIST) (M. Sabokrou)
01/2024 [32] Invited talk at the Technical University of Nuremberg (W. Burgard)
12/2023 [31] Invited talk at Netherlands Cancer Institute (NKI) Amsterdam (W. Silva)
09/2023 [30] Invited talk at Google DeepMind, London (J. Carreira)
07/2023 [29] Invited talk at Google Brain, Ghana (J. Hickey)
07/2023 [28] Invited talk at University of Ghana (JD. Abdulai)
06/2023 [27] Invited talk at Helsing AI, Germany (A. Bordes)
05/2023 [26] Invited talk at Computer Vision and Graphics Seminar, MIT (A. Torralba)
05/2023 [25] Invited talk at Computer Vision Group, University of Tampere (E. Rathu)
02/2023 [24] Invited talk at Computer Vision Center, Universitat Autonoma de Barcelona (D. Karatzas)
02/2023 [23] Invited lecture at Machine Learning Course, University of Edinburgh (H. Bilen)
02/2023 [22] Invited talk at Machine Learning and Computer Vision Group, University of Bristol (D. Damen, M. Wray)
02/2023 [21] Invited talk at AIMS seminar, University of Oxford (M. Osborne)
12/2022 [20] Invited talk at Computer Vision Group, University of Bern (P. Favaro)
10/2022 [19] Invited talk at AWS Research, Tel-Aviv (R. Litman)
09/2022 [18] Invited talk at the Machine Intelligence Laboratory, University of Cambridge (R. Cipolla, S. Albanie)
04/2022 [17] Invited talk at BMVA Symposium, Manchester
03/2022 [16] Invited talk at LMSS Seminar at INRIA, Rennes (L. Amsaleg)
12/2021 [15] Invited talk at Qualcomm-UvA Deep Vision Seminar at University of Amsterdam (E. Gavves)
11/2021 [14] Invited lecture at FACT-AI MSc course at University of Amsterdam (F. Santos)
10/2021 [13] Invited talk at CMIC & WEISS at medical imaging group University College London
09/2021 [12] Invited talk at International Workshop on Agentization, George Mason University
06/2021 [11] Invited talk at Imagine group at ENPC ParisTech (D. Picard)
05/2021 [10] Invited talk at Computer Vision Center, Universitat Autonoma de Barcelona (D. Karatzas)
03/2021 [9] Invited talk at Zalando Data Science Community Knowledge Exchange
01/2021 [8] Invited talk at Torr Vision Group and FiveAI (P. Torr)
10/2020 [7] Invited talk at UnitaryAI
06/2019 [6] Invited talk at Robotics and Autonomous Systems CDT Conference
03/2018 [5] Networks seminar, Mathematical Institute, University of Oxford
01/2018 [4] Balliol College interdisciplinary student seminar, University of Oxford
11/2017 [3] Networks seminar, Mathematical Institute, University of Oxford
10/2017 [2] Complexity Economics meeting, Institute for New Economic Thinking
08/2017 [1] Transdisciplinary methods research group, Potsdam Institute for Climate Impact Research

## Service

**Advisory Board:**

EU project CERV-2024-CHAR-LITI on fairness in AI (2025-)

**University Election Committee member:**
University of Technology Nuremberg 2025-
**University Selection Committee for Doctoral Students:**
University of Technology Nuremberg from 2026, appointed
**Professorship Appointment Committee member:**
University of Technology Nuremberg: 2x in 2025
**Scholarship Jury member:**
Max-Weber Programm Bayern: 2024, 2025
**PhD Jury member:**
2025 Thomas Stegmuller (EPFL)
Quentin Garrido (Meta & LIGM)
Abhishek Jha (KU Leuven)
Emanuele Aiello (Politecnico di Torino)
Reihaneh Mirjalili UTN)
2024 Sindy Lowe (University of Amsterdam)
Yazhe Li (University College London)
Sarah Ibrahimi (University of Amsterdam)
Arthur Guo [intermediate assessment] (University of Oslo)
Gyungin Shin (University of Oxford)
Rwiddhi Chakraborty (UiT The Arctic University of Norway)
2023 Fida Thoker (University of Amsterdam)
Vladimir Iashin (Tampere University)
Mohamed Sayed (University College London)
**Committee/Evaluator for International Science Foundations:**
2025 Evaluator for the Emmy-Noether program at DFG
Israel Science Foundation Personal Research Grant programme
2024 Evaluator for the Swiss National Science Foundation (SNSF) Spark Funding Scheme
Evaluator for the European Union AI-BOOST Large AI Challenge
2022 Member in the Ethics Committee for Student Projects at University of Amsterdam, Information Sciences
**Associate Editor:**
2025 IEEE TPAMI
**Area Chair:**
2025 CVPR (Lead AC), ICLR, WACV, ACL
2024 ICLR, CVPR, WACV, ECCV (Senior AC), NeurIPS
2023 CVPR, NeurIPS, NeurIPS workshops
2022 ECCV, ECCV workshop, NeurIPS workshop
**Workshop Reviewer:**
2024 ICML workshops
2023 NeurIPS workshops
**Reviewer:**
2025 ACL, NeurIPS, ICLR
2023 ICCV (outstanding reviewer), IJCV
2022 CVPR, ICML (outstanding reviewer), ECCV, ECCV workshop, IJCV, NeurIPS, ACM Multimedia, IJCV
2021 CVPR (outstanding reviewer), ICCV (outstanding reviewer), NeurIPS Track on Datasets & Benchmarks, TPAMI, IJCV, NeurIPS workshops (3x): SSL Theory and Practice, Pregistration of Experiments, ImageNet PPF
2020 ACCV, NeurIPS workshops (2x): SSL Theory and Practice; Pregistration of Experiments

## Organization of Workshops/ PhD schools

10/2025 ICCV Workshop on *Representation Learning with Very Limited Images (LIMIT)*
H. Kataoka, **Y.M. Asano**, I. Laina, R. Yokota, P. Das, C. Anderson, R. Yamada, Y. Fukuhara, *et al.*
12/2024 NeurIPS Workshop on *Foundation Model Interventions (MINT)*
P Rodriguez, A Blaas, DR. Ivanova, S Ghalebikesabi, **YM. Asano**, K. Metcalf, X. Suau
10/2024 ECCV Tutorial on *Time is precious: Self-Supervised Learning Beyond Images*
Shashanka Venkataramanan, Mohammadreza Salehi, **YM. Asano**
06/2024 CVPR workshop on *Representation Learning with Very Limited Images (LIMIT)*
H. Kataoka, **YM. Asano**, C. Rupprecht, R. Yokota, N. Inoue, D. Hendrycks, X. Boix, et al.
04/2024 ELLIS Winter School on *Foundation Models*
**YM. Asano**, C. Snoek, A. Pranindiati
12/2023 NeurIPS workshop on *Causal Representation Learning*

S. Magliacane, C. Eastwood, **YM. Asano**, C. Shi, A. Mastakouri, S. Lachapelle, C. Uhler, B. Schölkopf

10/2023 ICCV workshop on *Big Model Adapting for Computer Vision (BigMAC)*
**YM. Asano**, T. Han, M. Caron, P. Isola, S. Belongie

10/2022 ECCV workshop on *Self-Supervised Learning*
**YM. Asano**, C. Rupprecht, D. Larlus, A. Zisserman

12/2022 NeurIPS workshop on *Self-Supervised Learning: Theory and Practice*
I. Misra, P. Xie, X. Wang, G. Varol, Y. Song, **YM. Asano**, P. Luc

08/2021 Introductory 10-day workshop titled *Self-supervised learning and ethics* for the German National Academic Foundation (Studienstiftung) summer academy
**YM. Asano**, C. Rupprecht

08/2020 ECCV workshop on *Self-Supervised Learning: What is Next? (SSLWIN)*
**YM. Asano**, C. Rupprecht, and A. Joulin, A. Vedaldi

## Summer/Winter School Lectures

09/2025 Lecturer at the Bayerische Elite Akademie
09/2025 Lecturer at International Artificial Intelligence Summer School in Tuscany
04/2025 Lecturer at Oxford Machine Learning Summer School
03/2025 Lecturer at ELLIS Winter School on Foundation Models
03/2025 Lecturer at the Machine Learning Summer School in Okinawa 11/2024 Lecturer at ML in PL Conference
07/2024 Lecturer at African Computer Vision Summer School, Nairobi, Kenya
12/2024 Lecturer at Oxford Machine Learning Summer School
12/2022 Lecturer at Intelligent Sensing Winter School of Queen Mary Univ. of London (virtual)
09/2022 Lecturer at IPM-AI summer school
07/2022 Lecturer at VISUM Summer school by INESC TEC (elected "best lecture")
05/2022 Lecturer at ASCI Computer Vision Summer School, Amsterdam

## Academic development

University Teaching Qualification (BKO) courses (5 days), University of Amsterdam
Inclusive Learning Environment (1 day) , University of Amsterdam
Academic Leadership (8 days), University of Amsterdam
Superb Supervision (4 days), University of Amsterdam
Entrepreneurship (0.5 day), Said Business school, University of Oxford
Looking behind the label: mental ill-health in the workplace (0.5 day), University of Oxford
Core writing skills (0.5 day), University of Oxford
Public Engagement (0.5 day), University of Oxford
Presentation Skills (0.5 day), University of Oxford
Beyond Communication: Effective Two-way Engagement (0.5 day), University of Oxford

## Public engagement & science communication

2025 Podcast on AI and creativity during 'Long Night of Sciences', City of Nuremberg
Member of Panel discussion at Salon Luitpold with TUM President and former German education minister
Member of Panel discussion at DLD Future Hub, with Bavarian State Minister of Digital Affairs, journalist of BR
Lange Nacht der Wissenschaften Nuremberg Podcast on AI and creativity

2024 Art exhibit "To the lighthouse of dreams" on visualizing dreams during the pandemic using generative AI, with L. Weytingh and J. Tuorminen at *The New Institute, Rotterdam*

2022 Organizer of the Deep Vision Seminar at the UvA with more than 2200 members on MeetUp

2021 Community blogposts about our PASS dataset and paper: ImportAI, Synced, Deep Learning Weekly
Blogpost from Facebook AI about applying our method in Instagram Reels

2020 Advisor for projects at OxAI, a society to educate, build and connect an interdisciplinary AI community
Blogpost from Facebook AI about our GDT paper
Interviewed for the CTDS podcast
Community video analyses (1 2) about our ICLR 2020 paper
Community blogposts (1, 2) about our ICLR 2020 spotlight paper

## Other

**Languages**: German (native), Japanese (native), English (fluent, IELTS 8.5/9), French (basic)
**Nationality:** German & Japanese
**Hobbies:** Hiking, Tree & Plant identification, (Ultra)-running

## Patents

Currently 10 different deep learning patents pending (in US/EU/JP)

## References


[1] O. Ülger, M. Kulicki, Y. M. Asano, and M. R. Oswald. Self-guided open-vocabulary semantic segmentation. *ICCV*, 2025.

[2] S. Venkataramanan, V. Pariza, M. Salehi, L. Knobel, S. Gidaris, E. Ramzi, A. Bursuc, and Y. M. Asano. Franca: Nested matryoshka clustering for scalable visual representation learning. *arXiv*, 2025.

[3] J. van Dalen, Y. M. Asano, and M. Rußwurm. Samselect: A spectral index search for marine debris visualization using segment anything. *IEEE Geoscience and Remote Sensing Letters*, 2025.

[4] K. Torimi, R. Yamada, D. Otsuka, K. Hara, Y. M. Asano, H. Kataoka, and Y. Aoki. Text-guided synthetic geometric augmentation for zero-shot 3d understanding. *arxiv*, 2025.

[5] M. Salehi, S. Venkataramanan, I. Simion, E. Gavves, C. G. M. Snoek, and Y. M. Asano. Mosic: Optimal-transport motion trajectory for dense self-supervised learning. *ICCV*, 2025.

[6] P. Saha, D. Mishra, N. Hernandez-Cruz, O. Patey, A. Papageorghiou, Y. M. Asano, and J. A. Noble. Self-supervised normality learning and divergence vector-guided model merging for zero-shot congenital heart disease detection in fetal ultrasound videos. *MICCAI*, 2025.

[7] V. Pariza, M. Salehi, G. Burghouts, F. Locatello, and Y. M. Asano. Near, far: Patch-ordering enhances vision foundation models' scene understanding. *ICLR*, 2025.

[8] I. Najdenkoska, M. M. Derakhshani, Y. M. Asano, N. van Noord, M. Worring, and C. G. Snoek. Tulip: Token-length upgraded clip. *ICLR*, 2025.

[9] D. Mishra, M. Salehi, P. Saha, O. Patey, A. T. Papageorghiou, Y. M. Asano, and J. A. Noble. Self-supervised learning of echocardiographic video representations via online cluster distillation. *NeurIPS*, 2025.

[10] S. Li, F. G. Zanjani, H. B. Yahia, Y. M. Asano, J. Gall, and A. Habibian. Valid: Variable-length input diffusion for novel view synthesis. *WACV*, 2025.

[11] D. Kopiczko, T. Blankevoort, and Y. M. Asano. Bitune: Bidirectional instruction-tuning. *EMNLP*, 2025.

[12] A. Jha, T. Tuytelaars, and Y. M. Asano. Unsupervised parameter efficient source-free post-pretraining. *arXiv*, 2025.

[13] D. Cores, M. Dorkenwald, M. Mucientes, C. G. M. Snoek, and Y. M. Asano. TVBench: Redesigning video-language evaluation. *BMVC*, 2025.

[14] A. Bhowmik, M. M. Derakhshani, D. Koelma, M. R. Oswald, Y. M. Asano, and C. G. Snoek. Twist scout: Grounding multimodal llm-experts by forget-free tuning. *ICCV*, 2025.

[15] A. T. Warmerdam, M. Caron, and Y. M. Asano. Self-masking networks for unsupervised adaptation. *GCPR*, 2024.

[16] S. Venkataramanan, M. N. Rizve, J. Carreira, Y. M. Asano*, and Y. Avrithis*. Is imagenet worth 1 video? learning strong image encoders from 1 long unlabelled video. *ICLR*, 2024.

[17] S. Venkataramanan, A. Ghodrati, Y. M. Asano, F. Porikli, and A. Habibian. Skip-attention: Improving vision transformers by paying less attention. *ICLR*, 2024.

[18] T. F. van der Ouderaa, M. Nagel, M. van Baalen, Y. M. Asano, and T. Blankevoort. The llm surgeon. *ICLR*, 2024.

[19] V. Tsouvalas, Y. M. Asano, and A. Saeed. Federated fine-tuning of foundation models via probabilistic masking. *IEEE Big Data (Federated Learning Track)*, 2024.

[20] L. Straeter, M. Salehi, E. Gavves, C. Snoek, and Y. M. Asano. Generalad: Anomaly detection across domains by attending to distorted features. *ECCV*, 2024.

[21] S. Soni, A. Saeed, and Y. M. Asano. Federated learning with a single shared image. *CVPR LIMIT workshop*, 2024.

[22] W. Simoncini, S. Gidaris, A. Bursuc, and Y. M. Asano. No train, all gain: Self-supervised gradients improve deep frozen representations. *NeurIPS*, 2024.

[23] L. Samson, N. Barazani, S. Ghebreab, and Y. M. Asano. Privacy-aware visual language models. *arXiv:2405.17423*, 2024.

[24] M. Salehi, N. A. E. Gavves, C. G. Snoek, and Y. M. Asano. Redefining normal: A novel object-level approach for multi-object novelty detection. *ACCV*, 2024.

[25] M. Salehi, M. Dorkenwald, F. M. Thoker, E. Gavves, C. Snoek, and Y. M. Asano. Sigma: Sinkhorn-guided masked video modeling. *ECCV*, 2024.

[26] R. Romijnders, Y. M. Asano, C. Louizos, and M. Welling. Protect your score: Contact-tracing with differential privacy guarantees. *AAAI*, 2024.

[27] S. Rastegar, M. Salehi, Y. M. Asano, H. Doughty, and C. G. M. Snoek. Selex: Self-expertise in fine-grained generalized category discovery. *ECCV*, 2024.

[28] G. Ohtani, R. Tadokoro, R. Yamada, Y. M. Asano, I. Laina, C. Rupprecht, N. Inoue, R. Yokota, H. Kataoka, and Y. Aoki. Rethinking image super-resolution from training data perspectives. *ECCV*, 2024.

[29] R. Nakamura, R. Tadokoro, R. Yamada, Y. M. Asano, I. Laina, C. Rupprecht, N. Inoue, R. Yokota, and H. Kataoka. Scaling backwards: Minimal synthetic pretraining? *ECCV*, 2024.

[30] J. Loedeman, M. Stol, T. Han, and Y. M. Asano. Input-dependent input-prompts for adapting frozen vision transformers. *BMVC*, 2024.

[31] D. Kopiczko, T. Blankevoort, and Y. M. Asano. Vera: Vector-based random matrix adaptation. *ICLR*, 2024.

[32] L. Knobel, T. Han*, and Y. M. Asano*. Learning to count without annotations. *CVPR*, 2024.

[33] K. Kahatapitiya, A. Karjauv, D. Abati, F. Porikli, Y. M. Asano, and A. Habibian. Object-centric diffusion for efficient video editing. *ECCV*, 2024.

[34] A. Jha, M. B. Blaschko, Y. M. Asano, and T. Tuytelaars. The common stability mechanism behind most self-supervised learning approaches. *arXiv*, 2024.

[35] V. T. Hu, D. Wu, Y. M. Asano, P. Mettes, B. Fernando, B. Ommer, and C. G. M. Snoek. Flow matching for conditional text generation in a few sampling steps. *EACL*, 2024.

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