

# Curriculum Vitae

## Yuki M. Asano

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### RESEARCH INTERESTS

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

### PROFESSIONAL EXPERIENCE

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

- Teaching for MSc in AI & Robotics: Multimodal Foundation Models

**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

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**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

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**10/2024: Multimodal Foundation Models**(MSc in AI & Robotics, 6 ECTS)

10 students, ongoing

**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

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ongoing (PhD):

*University of Technology Nuremberg*

PhD, Jona Ruthardt with Armand Joulin

PhD, Dawid Kopiczko

PhD, Valentinos Pariza

PhD, Lukas Knobel with Andrew Zisserman

*University of Amsterdam*

PhD, Danilo de Goede with Cees Snoek

PhD, Laurens Samson with Sennay Ghebreab

PhD, Michael Dorckenwald with Cees Snoek

PhD, Mohammadreza Salehidehnavi with Cees Snoek and Efstratios Gavves

PhD, Pengwan Yang with Cees Snoek

PhD, Winfried van den Dool with Max Welling

PhD, Rob Romijnders with Max Welling

PhD, Phillip Lippe with Efrstatio Gavves, Taco Cohen, Sara Magliacane

PhD, Ivona Najdenkoska with Marcel Worring

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

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 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

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2024 “Best Poster Award” at BMVC'24  
2024 “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

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### Major Keynotes:

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:

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 Tempere (E. Rathu)  
 02/2023 [24] Invited talk at Computer Vision Center, Universitat Autònoma 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 Autònoma 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

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## SERVICE TO THE ACADEMIC COMMUNITY

### PhD Jury member:

2024 Sindy Löwe (University of Amsterdam)  
 Sarah Ibrahim (University of Amsterdam)  
 Arthur Guo [intermediate assessment] (University of Oslo)  
 Gyungin Shin (University of Oxford)  
 Riddhi Chakraborty (UiT The Arctic University of Norway)  
 2023 Fida Thoker (University of Amsterdam)  
 Vladimir Iashin (Tampere University)  
 Mohamed Sayed (University College London)

### Committee/Evaluator:

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

### Area Chair:

2025 CVPR (Lead AC), ICLR  
 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:

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, Pre-registration of Experiments, ImageNet PPF  
 2020 ACCV, NeurIPS workshops (2x): SSL Theory and Practice; Pre-registration of Experiments

## ORGANIZATION OF WORKSHOPS/ PHD SCHOOLS

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- 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

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- 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
- 12/2022 Lecturer at Intelligent Sensing Winter School of Queen Mary Univ. of London (virtual)
- 09/2022 Lecturer at IPM-AI summer school (virtual)
- 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

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- 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

## MEDIA/ART

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- 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

**Languages:** German (native), Japanese (native), English (fluent, IELTS 8.5/9), French (basic)

**Nationality:** German & Japanese

**Hobbies:** Hiking, Tree & Plant identification, (Ultra)-running

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- [2] V. Pariza, M. Salehi, G. Burghouts, F. Locatello, and Y. M. Asano. Near, far: Patch-ordering enhances vision foundation models' scene understanding. *ICLR*, 2025.
- [3] I. Najdenkoska, M. M. Derakhshani, Y. M. Asano, N. van Noord, M. Worring, and C. G. Snoek. Tulip: Token-length upgraded clip. *ICLR*, 2025.
- [4] 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.
- [5] A. T. Warmerdam, M. Caron, and Y. M. Asano. Self-masking networks for unsupervised adaptation. *GDPR*, 2024.
- [6] 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.
- [7] S. Venkataramanan, A. Ghodrati, Y. M. Asano, F. Porikli, and A. Habibian. Skip-attention: Improving vision transformers by paying less attention. *ICLR*, 2024.
- [8] T. F. van der Ouderaa, M. Nagel, M. van Baalen, Y. M. Asano, and T. Blankevoort. The llm surgeon. *ICLR*, 2024.
- [9] V. Tsouvalas, Y. M. Asano, and A. Saeed. Federated fine-tuning of foundation models via probabilistic masking. *IEEE Big Data (Federated Learning Track)*, 2024.
- [10] L. Straeter, M. Salehi, E. Gavves, C. Snoek, and Y. M. Asano. Generalad: Anomaly detection across domains by attending to distorted features. *ECCV*, 2024.
- [11] S. Soni, A. Saeed, and Y. M. Asano. Federated learning with a single shared image. *CVPR LIMIT workshop*, 2024.
- [12] W. Simoncini, S. Gidaris, A. Bursuc, and Y. M. Asano. No train, all gain: Self-supervised gradients improve deep frozen representations. *NeurIPS*, 2024.
- [13] L. Samson, N. Barazani, S. Ghebreab, and Y. M. Asano. Privacy-aware visual language models. *arXiv:2405.17423*, 2024.
- [14] M. Salehi, M. Dorkenwald, F. M. Thoker, E. Gavves, C. Snoek, and Y. M. Asano. Sigma: Sinkhorn-guided masked video modeling. *ECCV*, 2024.
- [15] R. Romijnders, Y. M. Asano, C. Louizos, and M. Welling. Protect your score: Contact-tracing with differential privacy guarantees. *AAAI*, 2024.
- [16] 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.
- [17] 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.
- [18] J. Loedeman, M. Stol, T. Han, and Y. M. Asano. Input-dependent input-prompts for adapting frozen vision transformers. *BMVC*, 2024.

- [19] D. Kopiczko, T. Blankevoort, and Y. M. Asano. Vera: Vector-based random matrix adaptation. *ICLR*, 2024.
- [20] D. Kopiczko, T. Blankevoort, and Y. M. Asano. Bitune: Bidirectional instruction-tuning. *arXiv:2405.14862*, 2024.
- [21] L. Knobel, T. Han\*, and Y. M. Asano\*. Learning to count without annotations. *CVPR*, 2024.
- [22] K. Kahatapitiya, A. Karjauv, D. Abati, F. Porikli, Y. M. Asano, and A. Habibian. Object-centric diffusion for efficient video editing. *ECCV*, 2024.
- [23] 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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- [25] M. Don, S. Pinson, B. G. Cebrian, and Y. M. Asano. Foundation model or finetune? evaluation of few-shot semantic segmentation for river pollution. *ECCV Green Foundation Model Workshop*, 2024.
- [26] D. Cores, M. Dorkenwald, M. Mucientes, C. G. M. Snoek, and Y. M. Asano. TVBench: Redesigning video-language evaluation. *arxiv*, 2024.
- [27] B. Bergner, A. Skliar, A. Royer, T. Blankevoort, Y. M. Asano, and B. E. Bejnordi. Think big, generate quick: Llm-to-slm for fast autoregressive decoding. *arXiv:2402.16844*, 2024.
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- [29] P. Yang, C. G. M. Snoek\*, and Y. M. Asano\*. Self-ordering point clouds. *ICCV*, 2023.
- [30] W. van den Dool, T. Blankevoort, M. Welling, and Y. M. Asano. Efficient neural pde-solvers using quantization aware training. *ICCV Workshop on Resource Efficient Deep Learning for Computer Vision*, 2023.
- [31] M. Salehi, E. Gavves, C. G. M. Snoek, and Y. M. Asano. Time does tell: Self-supervised time-tuning of dense image representations. *ICCV*, 2023.
- [32] R. Romijnders, Y. M. Asano, C. Louizos, and M. Welling. No time to waste: practical statistical contact tracing with few low-bit messages. *AISTATS*, 2023.
- [33] P. Lippe, S. Magliacane, S. Löwe, Y. M. Asano, T. Cohen, and E. Gavves. Causal representation learning for instantaneous and temporal effects. *ICLR*, 2023.
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- [36] V. T. Hu, D. W. Zhang, Y. M. Asano, G. J. Burghouts, and C. G. Snoek. Self-guided diffusion models. *CVPR*, 2023.
- [37] V. T. Hu, W. Yin, P. Ma, Y. Chen, B. Fernando, Y. M. Asano, E. Gavves, P. Mettes, B. Ommer, and C. G. M. Snoek. Motion flow matching for human motion synthesis and editing. *arXiv: 2312.08895*, 2023.
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- [47] T. Afouras\*, Y. M. Asano\*, F. Fagan, A. Vedaldi, and F. Metze. Self-supervised object detection from audio-visual correspondence. *CVPR*, 2022.
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