Hazel Doughty

 ♥ Leiden, Netherlands
 ☑ h.r.doughty@liacs.leidenuniv.nl
 Ø hazeldoughty.github.io
 ਓ Google Scholar

Research Interests _____

Computer Vision, Video Understanding, Fine-Grained, Learning with Limited Labelled Data, Multimodal Learning

Research Experience _____

Assistant Professor (Universitair Docent 2), LIACS, Leiden University

Sep 2023 - Present

Supervising PhD and Masters students in the Vision and Imaging cluster.

Post-Doctoral Researcher, Informatics Institute, University of Amsterdam

Dec 2020 - Aug 2023

Working with Prof. Cees Snoek and 3 PhD students on topics in video understanding, including self-supervised learning, multi-modal learning, open-set and domain adaptation.

Visiting Researcher, INRIA, Paris

Jan 2019 - March 2019

• Visited the Willow Research Group and worked with Prof. Ivan Laptev on understanding adverbs from instructional videos.

Education

PhD University of Bristol, Computer Science

Sept 2016 - Sep 2020

- Supervisors: Prof. Walterio Mayol-Cuevas, Prof. Dima Damen
- Title: Skill Determination from Long Videos
- Examiners: Prof. Josef Sivic and Prof. William T. Freeman
- EPSRC DTP Funding & EPSRC Project Glance (EP/N013964/1)

MEng University of Bristol, Computer Science

Sep 2012 - June 2016

• First Class Degree - Top Ranked Graduate

Publications _____

HD-EPIC: A Highly-Detailed Egocentric Video Dataset

CVPR 2025

Toby Perrett, Ahmad Darkhalil, Saptarshi Sinha, Omar Emara, Sam Pollard, Kranti Parida, Kaiting Liu, Prajwal Gatti, Siddhant Bansal, Kevin Flanagan, Jacob Chalk, Zhifan Zhu, Rhodri Guerrier, Fahd Abdelazim, Bin Zhu, Davide Moltisanti, Michael Wray, Hazel Doughty, Dima Damen

Day2Dark: Pseudo-Supervised Activity Recognition Beyond Silent Daylight Yunhua Zhang, Hazel Doughty, Cees G. M. Snoek

IJCV 2025

LocoMotion: Learning Motion-Focused Video-Language Representations Aozhu Chen, <u>Hazel Doughty</u>, Xirong Li, Cees G. M. Snoek

ACCV 2024 Oral

Beyond Coarse-Grrained Matching in Video-Text Retrieval Aozhu Chen, Hazel Doughty, Xirong Li, Cees G. M. Snoek ACCV 2024 Oral

SelEx: Self-Expertise In Fine-Grained Generalized Category Discovery Sarah Rastegar, Hazel Doughty, Cees G. M. Snoek

ECCV 2024

Low-Resource Vision Challenges for Foundation Models Yunhua Zhang, Hazel Doughty, Cees G. M. Snoek

CVPR 2023

Learn to Categorize or Categorize to Learn? Self-Coding for Generalized Category Discovery Sarah Rastegar, Hazel Doughty, Cees G. M. Snoek	NeurIPS 2023
Learning Unseen Modality Interaction Yunhua Zhang, Hazel Doughty, Cees G. M. Snoek	NeurIPS 2023
Tubelet-Contrastive Self-Supervision for Video-Efficient Generalization Fida Mohammad Thoker, Hazel Doughty, Cees G. M. Snoek	ICCV 2023
How Severe is Benchmark-Sensitivity in Video Self-Supervised Learning? Fida Mohammad Thoker, Hazel Doughty, Piyush Bagad, Cees G. M. Snoek.	ECCV 2022
How Do You Do It? Fine-Grained Action Understanding with Pseudo-Adverbs Hazel Doughty, Cees G. M. Snoek	CVPR 2022
Audio-Adaptive Activity Recognition Across Video Domains Yunhua Zhang, Hazel Doughty, Ling Shao, Cees G. M. Snoek	CVPR 2022
Rescaling Egocentric Vision: Collection, Pipeline and Challenges for EPIC-KITCHENS-100 Dima Damen, Hazel Doughty, Giovanni Maria Farinella, Antonino Furnari, Evangelos Kazakos, Jian Ma, Davide Moltisanti, Jonathan Munro, Toby Perrett, Will Price, Michael Wray.	IJCV 2021
Skeleton-Contrastive 3D Action Representation Learning Fida Mohammad Thoker, Hazel Doughty, Cees G. M. Snoek	ACMMM 2021
On Semantic Similarity in Video Retrieval Michael Wray, Hazel Doughty, Dima Damen	CVPR 2021
The EPIC-KITCHENS Dataset: Collection, Challenges and Baselines Dima Damen, Hazel Doughty, Giovanni Maria Farinella, Sanja Fidler, Antonino Furnari, Evangelos Kazakos, Davide Moltisanti, Jonathan Munro, Toby Perrett, Will Price, Michael Wray	TPAMI 2020
Action Modifiers: Learning from Adverbs in Instructional Videos Hazel Doughty, Ivan Laptev, Walterio Mayol-Cuevas, Dima Damen	CVPR 2020
The Pros and Cons: Rank-aware Temporal Attention for Skill Determination in Long Videos Hazel Doughty, Walterio Mayol-Cuevas, Dima Damen	CVPR 2019
StopWatch: The Preliminary Evaluation of a Smartwatch-based System for Passive Detection of Cigarette Smoking Andrew L Skinner, Christopher J Stone, Hazel Doughty and Marcus R Munfo	Nicotine and Tobacco Research 2019
Scaling Egocentric Vision: The EPIC-KITCHENS Dataset Dima Damen, Hazel Doughty, Giovanni Maria Farinella, Sanja Fidler, Antonino Furnari, Evangelos Kazakos, Davide Moltisanti, Jonathan Munro, Toby Perrett, Will Price, Michael Wray	ECCV 2018 Oral
Who's Better? Who's Best? Pairwise Deep Ranking for Skill Determination Hazel Doughty, Dima Damen, Walterio Mayol-Cuevas	CVPR 2018 Spotlight

Supervision

PhD (ongoing)

• Luc Sträter, Leiden University

2025-present

- Sarah Rastegar (W/ Cees Snoek), University of Amsterdam PhD (completed) - Yunhua Zhang (W/ Cees Snoek), University of Amsterdam - Fida Mohammad Thoker (W/ Cees Snoek), University of Amsterdam - Fida Mohammad Fida Fida Mohammad Control Technologies (DUAL-IMPACT) - Fida Mohammad Thoker (W/ Cees Snoek), University of Fida Mohammad Control Technologies (DUAL-IMPACT) - Fida Mohammad Fida Fida Mohammad Control Technologies (DUAL-IMPACT) - Fida Mohammad Fida Fida Fida Fida Fida Fida Fida Fi	Kaiting Liu, Leiden University	2024-present
PhD (completed) Yunhua Zhang (W/ Cees Snoek), University of Amsterdam Pida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam Pida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam Pida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam Pida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam Pida Mosters Aozhu Chen, PhD Student from Renmin University Piyush Bagad, Masters Student Research Intern Pida Masters Arsen Ignatosyan Pida Mosters Pikus Anschiack Pigin Jethoe Pida Mosters Pigin Jethoe Pida Mosters Pikus Mosters Pida Moste	 Omar Emara (w/ Dima Damen), University of Bristol 	2024-present
 Yunhua Zhang (w/ Cees Snoek), University of Amsterdam Fida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam 2020-2023 Visting Researchers Aozhu Chen, PhD Student from Renmin University Piyush Bagad, Masters Student Research Intern Arsen Ignatosyan Arsen Ignatosyan Rik van Schiack Rajiv Jethoe Yagmur Dogan Shiran Wu Bohan Wei Bohan Wei Quoza-2025 Michael Kozak Chang Liu Oguzhan KizItepe Bachelors Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 2024 2024 2024 2024 2024 2024 2024 2025 	 Sarah Rastegar (w/ Cees Snoek), University of Amsterdam 	2025-present
Fida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam Visting Researchers Aozhu Chen, PhD Student from Renmin University Piyush Bagad, Masters Student Research Intern 2021-2022 Masters Arsen Ignatosyan Rik van Schiack Rajiv Jethoe Nagmur Dogan Shiran Wu Bohan Wei Bohan Wei Chang Liu Oguzhan Kizitepe Bachelors Maxym Lytovka Erki Elbrecht Luis Kleinwort Luis Kleinwort Robin Kruijf Robin Kruijf Robin Kruijf Robin Struijf	PhD (completed)	
Visting Researchers Aozhu Chen, PhD Student from Renmin University Piyush Bagad, Masters Student Research Intern 2021-2022 Masters Arsen Ignatosyan Rik van Schiack Pagiw Jethoe Pagiw	 Yunhua Zhang (w/ Cees Snoek), University of Amsterdam 	2020-2024
Piyush Bagad, Masters Student Research Intern Masters Arsen Ignatosyan	 Fida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam 	2020-2023
Piyush Bagad, Masters Student Research Intern Asrsen Ignatosyan Arsen Ignatosyan Arsen Ignatosyan Arsen Ignatosyan Rik van Schiack Rajiv Jethoe 2024-2025 Rajiv Jethoe 2024-2025 Shiran Wu 2024-2025 Shiran Wu 2024-2025 Bohan Wei Michael Kozak 2021 Chang Liu Coguzhan Kizltepe 2020-2021 Oguzhan Kizltepe 2020-2021 Luis Kleinwort Luis Kleinwort Ciovanni Halevy 2025 Robin Kruijf Giovanni Halevy 2024 Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2025 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) 2025 Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 2024	Visting Researchers	
Arsen Ignatosyan 2024-2025 Rik van Schiack 2024-2025 Rajiv Jethoe 2024-2025 Yagmur Dogan 2024-2025 Shiran Wu 2024-2025 Bohan Wei 2023-2024 Michael Kozak 2021 Oguzhan Kizltepe 2020-2021 Oguzhan Kizltepe 2020-2021 Maxsym Lytovka 2025 Erki Elbrecht 2025 Luis Kleinwort 2025 Robin Kruijf 2024 Giovanni Halevy 2024 Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 Ooverall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 2024 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode Maging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	 Aozhu Chen, PhD Student from Renmin University 	2023-2024
Arsen Ignatosyan Rik van Schiack Rik van Schiack Rik van Schiack Rajiv Jethoe 2024-2025 Yagmur Dogan 2024-2025 Shiran Wu 2024-2025 Bohan Wei Bohan Wei Chang Liu Oguzhan Kizitepe Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 2025 Seminar Advances in Deep Learning, Masters, Leiden University 2024 2025 Computer Vision, 3rd Year BSc, Leiden University 2024 2025 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 2024 2024 2024 2024 2024 2024 2025 Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 2026 2026 2027 2026 2027 2027 2028 2028 2028 2029 2029 2029 2026 2026 2027 2027 2028 2028 2029 2029 2029 2029 2029 2029 2029 2029 2029 2029 2020 2	 Piyush Bagad, Masters Student Research Intern 	2021-2022
Rik van Schiack Rajiv Jethoe Rajiv Jethoe Yagmur Dogan 2024-2025 Shiran Wu Bohan Wei Olichael Kozak Chang Liu Oguzhan KizItepe 2020-2021 Oguzhan KizItepe 2020-2021 Michael Kozak Chang Liu Oguzhan KizItepe 2020 Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Ciovanni Halevy 2024 Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 2024	Masters	
Rajiv Jethoe 2024-2025 Yagmur Dogan 2024-2025 Shiran Wu 2024-2025 Bohan Wei 2023-2024 Michael Kozak 2021 Chang Liu 2020-2021 Oguzhan Kizltepe 2020 Bachelors Maxsym Lytovka 2025 Erki Elbrecht 2025 Robin Kruijf 2024 Giovanni Halevy 2024 Giovanni Halevy 2024 Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2025 Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 2024 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Arsen Ignatosyan	2024-2025
Yagmur Dogan Shiran Wu Shiran Wa Shiran Wu Shiran Wa Sh	Rik van Schiack	2024-2025
Shiran Wu Shiran Wu 2024-2025 Bohan Wei Nichael Kozak Michael Kozak Chang Liu Oguzhan Kizltepe Bachelors Maxsym Lytovka Erki Elbrecht Civilian Wu Civilian Waysom Lytovka Erki Elbrecht Civilian Waysom Lytovka Civilian Waysom Lytovka Erki Elbrecht Civilian Waysom Lytovka Civilian Waysom Lytovka Civilian Waysom Lytovka Civilian Waysom	Rajiv Jethoe	2024-2025
Bohan Wei Michael Kozak Othang Liu Oguzhan Kizltepe Bachelors Maxsym Lytovka Erki Elbrecht Cubis Kleinwort Robin Kruijf Giovanni Halevy Cody Seminar Advances in Deep Learning, Masters, Leiden University Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Yagmur Dogan	2024-2025
 Michael Kozak Chang Liu Oguzhan Kizltepe 2020-2021 Oguzhan Kizltepe Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Shiran Wu	2024-2025
 Chang Liu Oguzhan Kizltepe Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Giovanni Halevy Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode (Maging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Bohan Wei	2023-2024
Oguzhan KizItepe Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy 2024 Giovanni Halevy 2024 Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Michael Kozak	2021
Bachelors Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy 2024 Giovanni Halevy 2024 Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Chang Liu	2020-2021
 Maxsym Lytovka Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Oguzhan Kizltepe	2020
 Erki Elbrecht Luis Kleinwort Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Bestissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Bachelors	
 Luis Kleinwort Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 Seminar Advances in Deep Learning, Masters, Leiden University 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Maxsym Lytovka	2025
 Robin Kruijf Giovanni Halevy Teaching Seminar Advances in Deep Learning, Masters, Leiden University 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Erki Elbrecht	2025
Teaching Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 • 20 students • Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 2024 • 80 students • Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Luis Kleinwort	2025
Teaching Seminar Advances in Deep Learning, Masters, Leiden University • 20 students • Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University • 80 students • Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Robin Kruijf	2024
Seminar Advances in Deep Learning, Masters, Leiden University 2024 & 2025 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Giovanni Halevy	2024
 20 students Overall Rating: 8.7 Computer Vision, 3rd Year BSc, Leiden University 80 students Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models 	Teaching	
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Computer Vision, 3rd Year BSc, Leiden University • 80 students • Overall Rating: 8.3 Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	• 20 students	
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Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam 2022 Awards & Funding		
Awards & Funding NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Overall Rating: 8.3	
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NWO High-Tech Systems and Materials, Co-PI (€1,250,000) DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT) Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024 Low-Resource Vision Challenges for Foundation Models	Awards & Funding	
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Low-Resource Vision Challenges for Foundation Models		2025
NWO Talent Programme - Veni PL(€280 000)	, g ,	2024
From What to How: Perceiving Subtle Details in Video	NWO Talent Programme - Veni, PI (€280,000) From What to How: Perceiving Subtle Details in Video	2023

ELLIS Member	2022
EPSRC Doctoral Training Program Funding (£53,000)	2016
Academic Service	
PhD Jury Member	
Hui Lu, Utrecht University	2025
 Richard Schoonhoven, Leiden University 	2024
Chen Li, Leiden University	2024
Grant Reviewing	
Austrian Science Fund	2024
National Science Center Poland	2024
Area Chair	
CVPR (Lead AC), ICCV, NeurIPS	2025
ECCV (Lead AC), NeurIPS, ACCV, AAAI	2024
• ICCV, WACV	2023
Associate Editor	
• CVIU	2023-present
Reviewing	
 CVPR (Outstanding Reviewer) 	2024
 NeurIPS (Outstanding Reviewer), CVPR (Outstanding Reviewer) 	2023
 ECCV (Outstanding Reviewer), CVPR, NeurIPS 	2022
 CVPR (Outstanding Reviewer), ICCV (Outstanding Reviewer), ICLR, WACV 	2021
 ECCV (Outstanding Reviewer), ACCV (Outstanding Reviewer), CVPR, AAAI, WACV 	2020
Organization	
Conferences	
 Netherlands Conference on Computer Vision 	2024
 British Machine Vision Conference (BMVC) Workshop Chair 	2023
 Netherlands Conference on Computer Vision 	2022
Workshops	
What is Next in Video Understanding?	CVPR 2024
 Brain over Brawn (BoB): Label Efficient Learning Paradigms for Autonomy at Scale 	IROS 2024
Workshop on Pre-registration in ML	NeurIPS 2021
 Structured Representations for Video Understanding Workshop 	ICCV 2021
Women in Computer Vision Workshop	CVPR 2020
Egocentric Perception, Interaction and Computing Workshop	CVPR and ECCV 2020
Invited Talks & Panels	
Invited Talk, Video Understanding Symposium	2025
Invited Talk, African Computer Vision Summer School	2025
Invited Talk, iViSE Workshop at CVPR Invited Talk, CVPR Area Chair Workshop	2025 2025
Invited Talk, HAVA Lab, University of Amsterdam	2025
Invited Talk, Computer Vision by Learning ASCI Course	2025
Invited Talk, ACCV Area Chair Workshop	2024

Invited Talk, University of Bath	2024
Invited Talk, Visipedia Workshop, University of Copenhagen	2024
Invited Talk, African Computer Vision Summer School	2024
Invited Talk, LEMP Symposium, University of Amsterdam	2023
Invited Talk, L3D-IVU Workshop at CVPR	2023
Invited Talk, Rising Stars in AI Symposium, KAUST	2023
Guest Lecture, University of Catania	2022
Invited Talk, Video Understanding Symposium	2022
Panelist, WiCV Workshop at CVPR	2022
Invited Talk, Computer Vision by Learning ASCI Course	2022
Guest Lecture, Computer Vision II, University of Amsterdam	2021
Invited Talk, University of Toronto	2021
Spotlight, Video Pentathlon Workshop at CVPR	2020
Invited Talk, Microsoft Research Cambridge	2019
Spotlight, CVPR Main Conference	2018
Spotlight, EPIC Workshop at ICCV	2017