# **Hazel Doughty**

 ♥ Leiden, Netherlands
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 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 Hazel Doughty, Fida Mohammad Thoker, Cees G. M. Snoek

ACCV 2024 Oral

Beyond Coarse-Grained 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	<ul> <li>Omar Emara (w/ Dima Damen), University of Bristol</li> </ul>	2024-present
<ul> <li>Yunhua Zhang (w/ Cees Snoek), University of Amsterdam</li> <li>Fida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam</li> <li>2020-2023</li> <li>Visting Researchers</li> <li>Aozhu Chen, PhD Student from Renmin University</li> <li>Piyush Bagad, Masters Student Research Intern</li> <li>Arsen Ignatosyan</li> <li>Arsen Ignatosyan</li> <li>Rik van Schiack</li> <li>Rajiv Jethoe</li> <li>Yagmur Dogan</li> <li>Shiran Wu</li> <li>Bohan Wei</li> <li>Bohan Wei</li> <li>Quoza-2025</li> <li>Michael Kozak</li> <li>Chang Liu</li> <li>Oguzhan KizItepe</li> <li>Bachelors</li> <li>Erki Elbrecht</li> <li>Luis Kleinwort</li> <li>Robin Kruijf</li> <li>Giovanni Halevy</li> <li>Teaching</li> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>2024 2024</li> <li>2024 2024</li> <li>2024 2024</li> <li>2024 2025</li> </ul>	<ul> <li>Sarah Rastegar (w/ Cees Snoek), University of Amsterdam</li> </ul>	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	<ul> <li>Yunhua Zhang (w/ Cees Snoek), University of Amsterdam</li> </ul>	2020-2024
Piyush Bagad, Masters Student Research Intern  Masters  Arsen Ignatosyan	<ul> <li>Fida Mohammad Thoker (w/ Cees Snoek), University of Amsterdam</li> </ul>	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	<ul> <li>Aozhu Chen, PhD Student from Renmin University</li> </ul>	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	<ul> <li>Piyush Bagad, Masters Student Research Intern</li> </ul>	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
<ul> <li>Michael Kozak</li> <li>Chang Liu</li> <li>Oguzhan Kizltepe</li> <li>2020-2021</li> <li>Oguzhan Kizltepe</li> <li>Bachelors</li> <li>Maxsym Lytovka</li> <li>Erki Elbrecht</li> <li>Luis Kleinwort</li> <li>Robin Kruijf</li> <li>Giovanni Halevy</li> <li>Giovanni Halevy</li> <li>Teaching</li> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>2024 &amp; 2025</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Shiran Wu	2024-2025
<ul> <li>Chang Liu</li> <li>Oguzhan Kizltepe</li> <li>Bachelors</li> <li>Maxsym Lytovka</li> <li>Erki Elbrecht</li> <li>Luis Kleinwort</li> <li>Giovanni Halevy</li> <li>Giovanni Halevy</li> <li>Teaching</li> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>2024 &amp; 2025</li> <li>20 students</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode (Maging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	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
<ul> <li>Maxsym Lytovka         <ul> <li>Erki Elbrecht</li> <li>Luis Kleinwort</li> <li>Robin Kruijf</li> <li>Giovanni Halevy</li> </ul> </li> <li>Teaching         <ul> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>2024 &amp; 2025</li> <li>20 students</li> <li>Overall Rating: 8.7</li> </ul> </li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> </ul> <li>Awards &amp; Funding         <ul> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> </ul> </li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024         <ul> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul> </li>	Oguzhan Kizltepe	2020
<ul> <li>Erki Elbrecht</li> <li>Luis Kleinwort</li> <li>Robin Kruijf</li> <li>Giovanni Halevy</li> <li>Teaching</li> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>2024 &amp; 2025</li> <li>20 students</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Bestissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Bachelors	
<ul> <li>Luis Kleinwort         <ul> <li>Robin Kruijf</li> <li>Giovanni Halevy</li> </ul> </li> <li>Teaching         <ul> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>2024 &amp; 2025</li> </ul> </li> <li>Seminar Advances in Deep Learning, Masters, Leiden University         <ul> <li>20 students</li> <li>Overall Rating: 8.7</li> </ul> </li> <li>Computer Vision, 3rd Year BSc, Leiden University         <ul> <li>80 students</li> <li>Overall Rating: 8.3</li> </ul> </li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding         <ul> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> </ul> </li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Maxsym Lytovka	2025
<ul> <li>Robin Kruijf         <ul> <li>Giovanni Halevy</li> </ul> </li> <li>Teaching         <ul> <li>Seminar Advances in Deep Learning, Masters, Leiden University</li> <li>20 students</li> <li>Overall Rating: 8.7</li> </ul> </li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>Awards &amp; Funding         <ul> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> </ul> </li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	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
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<ul> <li>20 students</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Teaching	
<ul> <li>20 students</li> <li>Overall Rating: 8.7</li> <li>Computer Vision, 3rd Year BSc, Leiden University</li> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>2022</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	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  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	
<ul> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Overall Rating: 8.7	
<ul> <li>80 students</li> <li>Overall Rating: 8.3</li> <li>Leren en Beslissen (Learning &amp; Decision Making), 2nd Year BSc, University of Amsterdam</li> <li>Awards &amp; Funding</li> <li>NWO High-Tech Systems and Materials, Co-PI (€1,250,000)</li> <li>DUAL-mode IMaging for Production and Automated Control Technologies (DUAL-IMPACT)</li> <li>Best 4-page Paper 11th Fine-Grained Categorization Workshop, CVPR 2024</li> <li>Low-Resource Vision Challenges for Foundation Models</li> </ul>	Computer Vision, 3rd Year BSc, Leiden University	2024
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	
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	Leren en Beslissen (Learning & Decision Making), 2nd Year BSc, University of Amsterdam	2022
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	
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	_	2025
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
<ul> <li>Richard Schoonhoven, Leiden University</li> </ul>	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	
<ul> <li>CVPR (Outstanding Reviewer)</li> </ul>	2024
<ul> <li>NeurIPS (Outstanding Reviewer), CVPR (Outstanding Reviewer)</li> </ul>	2023
<ul> <li>ECCV (Outstanding Reviewer), CVPR, NeurIPS</li> </ul>	2022
<ul> <li>CVPR (Outstanding Reviewer), ICCV (Outstanding Reviewer), ICLR, WACV</li> </ul>	2021
<ul> <li>ECCV (Outstanding Reviewer), ACCV (Outstanding Reviewer), CVPR, AAAI, WACV</li> </ul>	2020
Organization	
Conferences	
<ul> <li>Netherlands Conference on Computer Vision</li> </ul>	2024
<ul> <li>British Machine Vision Conference (BMVC) Workshop Chair</li> </ul>	2023
<ul> <li>Netherlands Conference on Computer Vision</li> </ul>	2022
Workshops	
<ul><li>What is Next in Video Understanding?</li></ul>	CVPR 2024
<ul> <li>Brain over Brawn (BoB): Label Efficient Learning Paradigms for Autonomy at Scale</li> </ul>	IROS 2024
Workshop on Pre-registration in ML	NeurIPS 2021
<ul> <li>Structured Representations for Video Understanding Workshop</li> </ul>	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