

ANGELA YAO

Associate Professor
School of Computing, National University of Singapore
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RESEARCH INTERESTS

video understanding, human activity recognition, 3D human modelling
deep regression, sequence & time series modelling

EDUCATION

2008 - 2012	Doctor of Sciences , ETH Zurich
2006 - 2008	MSc Biomedical Engineering , ETH Zurich
2001 - 2006	BASc Engineering Science + PEY , University of Toronto

ACADEMIC EXPERIENCE

2024 -	Associate Professor
2018 - 2023	Assistant Professor, Dean's Chair Assistant Professor School of Computing, National University of Singapore
2015 - 2018	W1 Junior-Professor Institute of Computer Science, University of Bonn, Germany
03 - 07.2012	Research Intern , Microsoft Research Cambridge, UK
08 - 12.2010	Research Intern , Toyota Technology Institute at Chicago, USA

NOTABLE AWARDS

2020-23 (3X)	NUS School of Computing Faculty Teaching Excellence Award
2019	CVPR Best Paper Finalist
2018	German Pattern Recognition Award Awarded yearly to a researcher 35 years or younger for outstanding, internationally prominent research in pattern recognition, computer vision and machine learning.

SELECT RESEARCH GRANTS

2021 - 2025 630k SGD (total 10M SGD)	"Visual-Linguistic Situation Understanding" <i>AI Singapore Research Programme</i> co-PI within Consortium "The 'Other Me': Human-Centered AI Assistance In Situ"
2019 - 2024 2.64M SGD	"Efficient Modelling and Learning for Video Understanding" <i>Singapore National Research Foundation (NRF) Fellowship</i>
2018 945k EUR (declined)	"Real-time 3D Hand Pose Estimation 'in-the-Wild' " <i>German Research Foundation (DFG)</i> Emmy Noether Programme

NOTABLE SERVICE

General or Program Chair

Asian Conference for Computer Vision (ACCV)	2024, 2026
AAAI Conference on Artificial Intelligence (AAAI)	2024
ACM International Conference on Multimedia Retrieval (ICMR)	2023

Tutorial / Workshop Organizer

Observing & Understanding Hands in Action (at ECCV / ICCV)	2018-19, 22-24
Uncertainty Estimation for Computer Vision (at ECCV / ICCV)	2023, 24
More Exploration, Less Exploitation Workshop (at ECCV)	2024
First Joint Egocentric Vision (EgoVis) Workshop (at CVPR)	2024

Area Chair / Senior Program Committee

CVPR / ECCV / ICCV / AAAI / ICLR / ICML / NeurIPS / WACV / IJCAI	since 2018
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RECENT INVITED TALKS & KEYNOTES

CVPR Workshop - What is Next in Video Understanding?	06.2024
Video AI Symposium <i>VideoQA in the Time of Large Language Models</i>	06.2024 London, UK
International Computer Vision Summer School (ICVSS) <i>Long-Range Video Understanding</i>	07.2023 Sicily, Italy
Research Week at Google <i>"Is Classification All You Need for Computer Vision?"</i>	30.01.2023 Bangalore, India
ECCV Tutorial on Action Localization and Segmentation in Video <i>"Temporal Action Segmentation"</i>	24.10.2022 Tel Aviv, Israel
Video Understanding Symposium 2022 <i>"Segmenting Actions in Procedural Videos"</i>	08.09.2022 Amsterdam, Netherlands
CVPR Workshop on Large-Scale Holistic Video Understanding <i>"Segmenting and Anticipating Actions from Video"</i>	20.06.2022 New Orleans, USA
ICCV Workshop on Ego- Perception, Interaction & Computing <i>Actions in Egocentric Video: Hands & Objects Over Time</i>	11.10.2021 virtual
ICCV Workshop on Observing & Understanding Hands in Action <i>"Data and Label-Efficient Hand Pose Estimation"</i>	28.10.2019 Seoul, Korea
BMVA Symposium on Video Understanding <i>"Complex Activity Anticipation"</i>	25.09.2019 London, UK
German Pattern Recognition Award Talk at GCPR <i>"Deep Generative Models for Hand Pose Estimation"</i>	10.10.2018 Stuttgart, Germany

PUBLICATIONS

Please refer to my [Google Scholar Page](#) for the most update-to-date list.